The Chat

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The Chat

BULLETIN OF CAROLINA BIRD CLUB, INC.

DR. ARCHIE D. SHAFTESBURY, *Editor*

Woman's College of the University of North Carolina, Greensboro, N. C.

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Cover Photo from *"Birds of North Carolina,"* by courtesy of Harry T. Davis, Director, North Carolina State Museum

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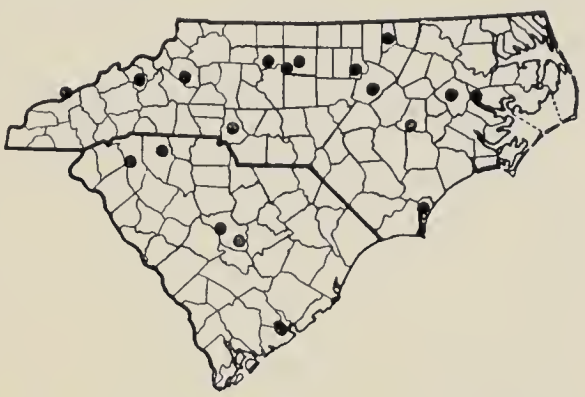
Plan to Attend the C.B.C. Annual Spring Meeting at Charleston Apr. 29-30. Field Trips. Full Details Later.

Christmas Bird Count, 1949

Archie D. Shaftesbury



Nineteen localities in North Carolina, South Carolina, and Tennessee are represented in the 1949 Christmas counts from Carolina Bird Club members, and though the number of observers was approximately the same as in the previous year, the total bird count was far less, due to the absence of counts from the Lake Mattamuskeet and Pea Island Wildlife Refuges which Bob Wolff has led for the past several years. Localities represented in the 1949 count include: Charleston, S. C., Charlotte, N. C., Columbia, S. C., Durham, N. C., Eastover, S. C., Great Smoky Mountains National Park, Tennessee-North Carolina, Greensboro, N. C., Greenville, N. C., Greenville, S. C., Henderson, N. C., High Point, N. C., Lenoir, N. C., Mount Olive, N. C., Raleigh, N. C., Spartanburg, S. C., Washington, N. C., Wilmington, N. C., Windom, N. C., and Winston-Salem, N. C. These nineteen localities, with 230 observers, reported 169 species and 2 extra sub-species, with a total of about 55,431 birds.

Charleston, S. C., has the high species count for our area for 1949, reporting 146 species. In most of the past ten years national counts, Charleston has been either first or second. Wilmington, N. C., with a count of 137 species, is second among those reporting from our area this year. For the past few years Wilmington's Christmas counts have been above 100 species, and their 1948 count of 139 species put them second in the nation, next to the Harlingen, Texas, count of 146 species. According to *Audubon Field Notes* (v. 3, No. 2, Apr. 1949), Wilmington's count for 1948 deserved special mention for excellent coverage and for substantially exceeding all previous counts in its part of the United States.

Counts are missing this year from Asheville and Chapel Hill, two old stand-bys. There was an average of twelve observers for each area, though individual counts—two very good ones—were turned in from Mount Olive, N. C., by Bob Holmes III, and from Washington, N. C., by Joseph D. Biggs.

Here are some of the records which might be listed as rarities: Wood Pewee (Charleston, 1—Norman A. Chamberlain, Alexander Sprunt IV,

et al.); Orchard Oriole (Greenville, N. C., 1—Dr. Harold C. Jones); Baltimore Oriole (Greensboro, 1—seen by numerous observers since November, in locality where one was observed the previous winter); Purple Sandpiper (Wilmington, 2—other interesting records for this visitor from the far north are listed for this year in the Wilmington region; recorded for the Wilmington area in their 1948 Christmas count, *The Chat*, v. XIII, no. 1, p. 13; not listed in *Birds of North Carolina*, but *South Carolina Bird Life*, 1949, p. 240, lists it as a casual winter visitor along the coast); Hooded Warbler (Wilmington, 1—Claude McAllister); Black-billed Cuckoo (Windom, 1—seen by Donald Styles; no further data given); and Veery (Spartanburg, 1—identified by Flora Beymer by its call.)

Larger numbers of Ring-necked Ducks than last year were listed, but, in general the numbers of waterfowl were smaller than those listed in our area last year, probably due to the generally mild winter in the states north of us. The milder winter probably accounts also for increased numbers of reports of some border-line winter residents, as Catbird and Brown Thrasher, the former reported from Charleston, S. C. (4), and from four North Carolina localities (Greensboro, 2; Mount Olive, 1; Washington, 1; and Wilmington, 24), while Brown Thrashers were reported from thirteen of the 19 localities submitting reports to *The Chat*. The Yellow-throated Warbler (Charleston, 5; Wilmington, 2), and Henslow's Sparrow (Wilmington, 4) are possibly new winter records for North Carolina.

Among our irregular winter visitors, Purple Finches were apparently fairly well distributed over the northern and western parts of our region, being reported from 13 localities; Red-breasted Nuthatches were reported from 8 localities (Charleston, 1; Charlotte, 2; Columbia, 1; Great Smoky Mountains National Park, 175; Greensboro, 21; Greenville, S. C., 1; Henderson, 3; and Wilmington, 18); and Pine Siskins were reported only from Great Smoky Mountains National Park (135), Greensboro (49), and Mount Olive (6). Charleston and Wilmington each add another record to the accumulating list of North Carolina and South Carolina winter observations of Arkansas (Western) Kingbird. Only four localities, all in North Carolina (Durham, Lenoir, Washington, and Windom) did not observe Robins.

CHARLESTON, S. C.: (Bulls Island, adjacent waters and marshes, mainland opposite back beyond Wando River—about one fourth of this area lying within the boundaries of the Cape Romain National Wildlife Refuge, as in preceding years; farm land 20%, fresh-water ponds and wooded swamps 25%, pine and mixed woods 25%, salt-water creeks, inlets, marshes and mud-flats 25%, dunes and ocean front 5%) .—Dec. 31, dawn to 5 p.m. Clear, sunny, perfect; temperature, 38° to 55° to

48°F; wind slight, rather fitful, E., 5-10 mph; low tide, 11:11 a.m.; high tide, 4:58 p.m.; no frost, woods rather dry. Thirty-seven (37) observers, in nine (9) parties. Total hours, 60 (31.5 afoot, 67.4 by car, 36 by boat). Common Loon, 12; Red-throated Loon, 1; Horned Grebe, 167; Pied-billed Grebe, 21; Brown Pelican, 2; Gannet, 8; Double-crested Cormorant, 87; Water Turkey, 1; Great Blue Heron, 33; American Egret, 5; Snowy Egret, 11; Louisiana Heron, 26; Little Blue Heron, 24; Black-crowned Night Heron, 7; American Bittern, 1; Mallard, 19; Black Duck, 183; Gadwall, 20; Baldpate, 1; Pintail, 50; Green-winged Teal, 29; Blue-winged Teal, 34; Shoveller, 38; Wood Duck, 24; Redhead, 1; Ring-necked Duck, 557; Canvasback, 200; Scaup, 6; Golden-eye, 7; Buffle-head, 109; American Scoter, 45; Ruddy Duck, 39; Hooded Merganser, 41; Red-breasted Merganser, 96; Turkey Vulture, 76; Black Vulture, 86; Sharp-shinned Hawk, 5; Cooper's Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 10; Bald Eagle, 17; Marsh Hawk, 28; Pigeon Hawk, 1; Sparrow Hawk, 10; Bobwhite, 1; Turkey, 1; Clapper Rail, 26; Florida Gallinule, 5; Coot, 300; Oyster-catcher, 131; Semipalmated Plover, 403; Killdeer, 1; Black-bellied Plover, 133; Ruddy Turnstone, 14; Wilson's Snipe, 1; Hudsonian Curlew, 1; Spotted Sandpiper, 1; Willet, 33; Greater Yellow-legs, 21; Lesser Yellow-legs, 5; Knot, 4; Least Sandpiper, 4; Red-backed Sandpiper, 223; Dowitcher, 89; Semipalmated Sandpiper, 14; Western Sandpiper, 6; Marbled Godwit, 10; Sanderling, 65; Herring Gull, 98; Ring-billed Gull, 76; Bonaparte's Gull, 20; Forster's Tern, 4; Common Tern, 1; Royal Tern, 1; Caspian Tern, 5; Mourning Dove, 97; Ground Dove, 2; Great Horned Owl, 1; Belted Kingfisher, 47; Yellow-shafted Flicker, 34; Pileated Woodpecker, 10; Red-bellied Woodpecker, 26; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 21; Hairy Woodpecker, 1; Downy Woodpecker, 24; Red-cockaded Woodpecker, 14; Arkansas (Western) Kingbird, 1 (Checked by several observers, on Bulls Island for a number of days prior to Count); Phoebe, 35; Wood Pewee, 1 (N. A. C., A. S. IV, et al); Tree Swallow, 34; Blue Jay, 36; Am. Crow, 177; Fish Crow, 74; Carolina Chickadee, 52; Tufted Titmouse, 21; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1 (N. H. S., 20 ft., clear view); Brown-headed Nuthatch, 16; Brown Creeper, 5; House Wren, 24; Winter Wren, 4; Carolina Wren, 27; Long-billed Marsh Wren, 1; Short-billed Marsh Wren, 1; Mockingbird, 35; Catbird, 4; Brown Thrasher, 18; Robin, 236; Hermit Thrush, 14; Eastern Bluebird, 39; Blue-gray Gnatcatcher, 4; Golden-crowned Kinglet, 27; Ruby-crowned Kinglet, 89; Pipit, 36; Loggerhead Shrike, 30; Starling, 2; White-eyed Vireo, 3; Blue-headed Vireo, 10; Black and White Warbler, 1; Orange-crowned Warbler, 1; Myrtle Warbler, 505; Yellow-throated Warbler, 5; Pine Warbler, 64; Yellow-throat, 10; English Sparrow, 12; Meadowlark, 120; Red-wing, 807; Rusty Blackbird, 4; Boat-tailed Grackle, 7; Purple Grackle, 166; Cardinal, 95; Am. Goldfinch, 68; Red-eyed Towhee, 124; White-eyed Towhee, 13; Savannah Sparrow, 19; Sharp-tailed Sparrow, 11; Seaside Sparrow, 14; Vesper Sparrow, 5; Slate-colored Junco, 29; Chipping Sparrow, 9; Field Sparrow, 55; White-throated Sparrow, 193; Fox Sparrow, 7; Swamp Sparrow, 32; Song Sparrow, 88; Total, 146 species, 7,689 individuals (plus 600-700 sandpipers, ducks, etc., seen at unidentifiable distances).—*Louise S. Barrington, Theodore A. Beckett, E. Milby Burton, B. Rhett Chamberlain, E. Burnham Chamberlain, Norman A. Chamberlain, Mr. and Mrs. Robert H. Coleman, Ernest A. Cutts, Mr. and Mrs. Robert D. Edwards, Peter Gething, Julian Harrison, Lois Hussey, Arthur Jenkins, Margaret King, Mr. and Mrs. I. S. H. Metcalf, Hoyt Mills, James Mosimann, Louis Parker, Mr. and Mrs. William Pielou, Catherine M. Pessino, John Quinby, George Rabb, Ann W. Richardson, James Roe, Miss Sandy, Miss Scotland, Newton Seebeck, Mr. and Mrs. Alexander Sprunt, Alexander Sprunt IV, Paul Sturm, Thomas Uzzell, Miss Van Vorst, Ellison A. Williams* (members and guests, Charleston Natural History Society). Again we are indebted to the personnel of the Cape Romain National Wildlife Refuge for invaluable aid, particularly to Messrs. Sturm and Mills, and Mr. and Mrs. Moffett.

Compilers: *B. Rhett Chamberlain, E. Burnham Chamberlain, Norman A. Chamberlain.*

CHARLOTTE, N. C.: (area essentially the same as last 7 years, including the Clarkson city garden; Johnston and Stillwell ponds along the Albemarle road and upper drainage basin of McAlpine Creek included. Also included were Freedom Park and Sharon Hills area; pine, gum, poplar, and cedar woodland, 45%; open farmland, 40%; hedgerows, 10%; ponds and marshes, 5%.—Dec. 28; 7 A. M. to 5:00 P. M. Clear; temp. 45° to 58°; wind, 1-7 mph. Eleven observers in 5 parties. Total hours, 34; total miles, 79 (55 by car, 24 on foot). Pied-billed Grebe, 1; Canvasback Duck, 2; Turkey Vulture, 10; Black Vulture, 6; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 2; Wilson's Snipe, 1; Mourning Dove, 20; Screech Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 7; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 3; Phoebe, 5; Blue Jay, 3; American Crow, 50; Carolina Chickadee, 18; Tufted Titmouse, 19; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; Brown-headed Nuthatch, 3; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 7; Mockingbird, 7; Brown Thrasher, 1; Robin, 3; Hermit Thrush, 3; Eastern Bluebird, 98; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 5; American Pipit, 40; Cedar Waxwing, 16; Loggerhead Shrike, 10; Starling, 110; Myrtle Warbler, 7; Pine Warbler, 4; English Sparrow, 18; Eastern Meadowlark, 40; Cardinal, 32; Purple Finch, 2; Am. Goldfinch, 18; Red-eyed Towhee, 13; Savannah Sparrow, 1; Slate-colored Junco, 80; Chipping Sparrow, 1; Field Sparrow, 36; White-throated Sparrow, 39; Fox Sparrow, 1; Song Sparrow, 10. Total, 55 species; 774 individuals.—*Clara Burt, B. R. Chamberlain* (compiler), *Norman Chamberlain, Mrs. Edwin Clarkson, Kitty Constable, Dick Crutchfield, Will Hon, Brem Mayer, Mrs. Robert Poole, Mrs. George Potter, Mrs. W. B. Simons* (Mecklenburg Audubon Club).

COLUMBIA, S. C.: (center of Columbia, Richland County, to Columbia Pipe Company, 5 miles north of Columbia, Ardincaple, Earlewood Park, and to West Columbia, Horseshoe Lake, Hendrix's Pond, Roof's farm, Lexington County to 7 miles West of Columbia; other areas in Lexington County to a point 5 miles south of Columbia; urban territory 6%, pine woods 25%, deciduous woods 15%, cultivated fields 20%, broom fields 10%, pasture lands 9% and lake shore 15%)—Dec. 27; 7:15 A. M. to 5:30 P. M. Very foggy early morning clearing late afternoon; temperature 54° to 70°; wind calm. Nine observers in 2 parties. Total hours 40 (36 on foot, 4 by car); total miles, 50 (30 on foot, 20 by car). Pied-billed Grebe, 5; Ring-necked duck, 34; Turkey Vulture, 1; Black Vulture, 14; Sharp-shinned Hawk, 1; Sparrow Hawk, 4; Bobwhite, 7; Coot, 60; Mourning Dove, 4; Yellow-shafted Flicker, 18; Red-bellied Woodpecker, 5; Downy Woodpecker, 3; Phoebe, 21; Blue Jay, 38; Am. Crow, 24; Carolina Chickadee, 7; Tufted Titmouse, 25; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Brown-headed Nuthatch, 3; Brown Creeper, 6; Carolina Wren, 34; Mockingbird, 13; Brown Thrasher, 9; Robin, 8; Hermit Thrush, 10; Eastern Bluebird, 85; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 31; Cedar Waxwing, 51; Loggerhead Shrike, 6; Starling, 519; Blue-headed Vireo, 1; Myrtle Warbler, 22; Pine Warbler, 21; Yellow Palm Warbler, 1; Yellow-throat, 1; English Sparrow, 776; Eastern Meadowlark, 2; Cowbird, 5; Cardinal, 94; Am. Goldfinch, 9; Red-eyed Towhee, 53; Slate-colored Junco, 58; Chipping Sparrow, 642; Field Sparrow, 223; White-throated Sparrow, 153; Fox Sparrow, 6; Song Sparrow, 48. Total, 49 species; 3,173 individuals.—*Mr. and Mrs. Charles Eastman, Mr. and Mrs. Meeks, Jr., Mrs. B. S. Meeks, Sr., Mrs. P. B. Hendrix, Mrs. G. E. Charles, Mrs. Clyde Sisson, Gilbert Bristow*, compiler (members of Columbia Natural History Society).

DURHAM, N. C.: (Essentially same area as last year; Duke University West Campus as center; north, 3.5 miles to Crystal Lake, southwest 3 miles to Hollow Rock and 2 miles up New Hope Creek, east 3 miles to Oxford Highway and Club Boulevard, including Hillandale Golf Course, East and West Duke Campuses and surrounding forest, Bird Sanctuary, and lowlands along Ellerbe Creek; open land including some pasture and cultivated fields and a small amount of marsh about 50%, wooded 50%, of which 50% was brush, 20% pine and 30% hardwood.)—Dec. 26, 8:00 A. M. to 5:00 P. M. Cloudy all day with intermittent drizzles, becoming steady light rain the last hour. No wind. Temp. 45°-65°F. Eight observers in four half day parties of one to six observers each. Total observer hours, 50; total miles, 50 by car, 14 on foot. Hooded Merganser, 1; Sparrow Hawk, 1; Bobwhite, 24; Killdeer, 14; Wilson's Snipe, 17; Belted Kingfisher, 3; Yellow-shafted Flicker, 9; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 2; Downy Woodpecker, 12; Phoebe, 4; Blue Jay, 36; American Crow, 26; Carolina Chickadee, 82; Tufted Titmouse, 20; White-breasted Nuthatch, 1; Brown-headed Nuthatch, 1; Brown Creeper, 12; Winter Wren, 1; Carolina Wren, 32; Mockingbird, 21; Hermit Thrush, 4; Eastern Bluebird, 36; Golden-crowned Kinglet, 36; Ruby-crowned Kinglet, 12; Cedar Waxwing, 3; Starling, 207; Myrtle Warbler, 5; Pine Warbler, 7; English Sparrow, 15; Eastern Meadowlark, 65; Cardinal, 48; Purple Finch, 47; American Goldfinch, 77; Towhee, 18; Savannah Sparrow, 3; Slate-colored Junco, 289; Field Sparrow, 33; White-throated Sparrow, 287; Fox Sparrow, 10; Swamp Sparrow, 5; Song Sparrow, 102. Total, 44 species, about 1,634 individuals.—*Joseph R. Bailey* (compiler), *Frank Egerton*, *Edward C. Horn*, *Paul J. Kramer*, *Richard Kramer*, *C. B. Martin, Jr.*, *Robert Seabrook*, *Ben Umstead.*

EASTOVER, RICHLAND COUNTY, S. C.: (Tom's Creek on highway 764 to Wateree, up highway 26 to Community Pond, down highway 263 to Eastover; cultivated fields 33%, broom fields and grass covered pasture 33%, deciduous and pine woods 14%, residential grounds 10%, swampy area around spring and ponds 10%.)—Dec. 31, 1949; daylight to 5:30 P. M. Clear, becoming partly cloudy. Temp. at 7 A. M. 32°, expected to rise to 65° during day, light north wind, relative humidity 76%. Total miles 20 (19½ in car, ½ on foot). Three observers, together. Turkey Vulture, 2; Black Vulture, 8; Marsh Hawk, 1; Sparrow Hawk, 8; Killdeer, 10; Mourning Dove, 7; Yellow-shafted Flicker, 10; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 1; Phoebe, 4; Blue Jay, 12; Am. Crow, 14; Carolina Chickadee, 4; Tufted Titmouse, 4; White-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 4; Mockingbird, 6; Brown Thrasher, 3; Robin, 93; Hermit Thrush, 5; Eastern Bluebird, 25; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 8; American Pipit, 117; Cedar Waxwing, 39; Loggerhead Shrike, 8; Starling, 150; Myrtle Warbler, 2; Pine Warbler, 25; Palm Warbler, 16; English Sparrow, 34; Eastern Meadowlark, 30; Purple Grackle, 1; Cowbird, 3; Cardinal, 25; Goldfinch, 9; Towhee, 10; Savannah Sparow, 4; Junco, 36; Chipping Sparrow, 24; Field Sparrow, 15; White-throated Sparrow, 142; Fox Sparrow, 22; Song Sparrow, 19. Total, 46 species; 979 individuals.—*Mrs. Clyde Sisson*, *Anne Faver*, *Mrs. William H. Faver* (compiler.)

GREAT SMOKY MOUNTAINS NATIONAL PARK, TENNESSEE-NORTH CAROLINA (essentially same area as in past 12 years; circle with 7½ mile radius centering on Bullhead of Mt. LeConte, including a section of the Tennessee-North Carolina divide from near Clingman's Dome to Dry Sluice Gap; towns of Gatlinburg and Pigeon Forge, Tennessee; altitude range, 1,200 to 6,300 feet; spruce-fir forests 30%, deciduous forest 20%, open farmland 20%, abandoned fields 10%,

towns and suburbs 10%, pine forests 5%, stream courses 5%).—Jan. 1: 6:45 A. M. to 5:30 P. M. Partly cloudy to overcast; temp. 30° to 56°; wind westerly, light at low altitudes, to about 20 mph at high altitudes; ground bare. Thirty observers in eight parties. Total party-hours, 65; total miles, 182 (124 by car, 58 on foot). Pied-billed Grebe, 1; Cooper's Hawk, 1; Red-tailed Hawk, 3; Duck Hawk, 1; Sparrow Hawk, 3; Ruffed Grouse, 5; Bobwhite, 8; Turkey, 4; Killdeer, 35; Mourning Dove, 75; Screech Owl, 2; Horned Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 4; Pileated Woodpecker, 4; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 13; Eastern Phoebe, 4; Horned Lark, 20; Blue Jay, 3; Common Raven, 5; Am. Crow, 110; Chickadee (both Black-capped and Carolina observed), 148; Tufted Titmouse, 22; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 175; Brown Creeper, 8; House Wren, 1 (Burns); Winter Wren, 4; Bewick's Wren, 1; Carolina Wren, 18; Mockingbird, 6; Robin, 52; Hermit Thrush, 7; Eastern Bluebird, 33; Golden-crowned Kinglet, 62; Ruby-crowned Kinglet, 2; Loggerhead Shrike, 2; Starling, 100 (est.); Myrtle Warbler, 13; Palm Warbler, 3; English Sparrow, 260 (est.); Eastern Meadowlark, 100; Purple Grackle, 3; Cardinal, 48; Purple Finch, 2; Pine Siskin, 135; Am. Goldfinch, 220; Red Crossbill, 32; Red-eyed Towhee, 8; Savannah Sparrow, 2; Junco (both typical Slate-colored and Carolina represented), 320; Field Sparrow, 73; White-throated Sparrow, 63; Swamp Sparrow, 7; Song Sparrow, 120. Total, 59 species (1 additional subspecies); approximately 2,360 individuals.—*Dr. and Mrs. G. E. Albert, John R. Barrett, Mr. and Mrs. Harvey Broome, Richard C. Burns, Mary Ruth Chiles, Brockway Crouch, Mr. and Mrs. Sumner Dow, Robert J. Dunbar, Robert Goddard, Joseph C. Howell, William M. Johnson, Mr. and Mrs. H. F. Leonhard, Bonnie McDonald, S. R. Meaker, Mr. and Mrs. Robert A. Monroe, Elise Morrell, J. B. Owen, Edward Shelley, Jr., Glen L. Shults, Arthur Stupka, Dr. and Mrs. Samuel R. Tipton, Thomas Walker, D. W. Yambert, William Yambert* (members and guests, Tennessee Ornithological Society and National Park Service.)

GREENSBORO, N. C.: (section 15 miles diameter; approx. same region as last several years, including Pinecroft, Starmount, Municipal Golf Course, Richardson Estate, Greensboro Country Park, Lakes Brandt, Scales, Jeannette, Philadelphia, Buffalo, Sharpe and White Oak Pond; deciduous and pine woodlands 25%, open fields and golf courses 25%, cattail marsh and thickets 15%, fresh water lakes 25%, city yards, parkways and campuses 10%).—Dec. 26, 7:15 A. M. to 5:15 P. M. Weather: fog, intermittent rain; visibility, 100 yards to ½ mile; wind, 0 to 15 mph, temp. 41° to 49°F; 25 observers, 10 parties; total hours, 72; total miles, 171 (41 on foot, 130 by car). Pied-billed Grebe, 7; Great Blue Heron, 2; Mallard, 1; Black Duck, 9; Ring-necked Duck, 59; Lesser Scaup, 8; Cooper's Hawk, 2; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 4; Bobwhite, 24; Killdeer, 13; Wilson's Snipe, 1; Mourning Dove, 166; Kingfisher, 10; Yellow-Shafted Flicker, 48; Pileated Woodpecker, 1; Red-bellied Woodpecker, 17; Red-Headed Woodpecker, 4; Yellow-bellied Sapsucker, 18; Hairy Woodpecker, 8; Downy Woodpecker, 41; Phoebe, 4; Horned Lark, 185; Blue Jay, 90; Am. Crow, 78; Carolina Chickadee, 261; Tufted Titmouse, 220; White-breasted Nuthatch, 61; Red-breasted Nuthatch, 21; Brown-headed Nuthatch, 28; Brown Creeper, 20; Winter Wren, 13; Carolina Wren, 93; Mockingbird, 72; Catbird, 2; Brown Thrasher, 3; Robin, 6; Hermit Thrush, 9; Eastern Buebird, 105; Goden-crowned Kinglet, 115; Ruby-crowned Kinglet, 68; Am. Pipit, 18; Cedar Waxwing, 4; Loggerhead Shrike, 7; Starling, 1,523; Myrtle Warbler, 36; Pine Warbler, 15; English Sparrow, 169; Eastern Meadowlark, 144; Redwing, 302; Baltimore Oriole, 1; Rusty Blackbird, 68; Cardinal, 354; Purple Finch, 44; Pine Siskin, 49; Am. Goldfinch, 213; Red-eyed Towhee, 61; Savannah Sparrow, 11; Vesper Sparrow, 3; Slate-colored Junco, 1,435; Field Sparrow, 356; White-throated Sparrow, 948; Fox Sparrow, 15; Swamp

Sparrow, 8; Song Sparrow, 346. Total, 66 species; 8,031 individuals.—*Oscar Paris, Ann Locke, Etta Schiffman, C. R. Lamb, Dr. Wesley Taylor, William Craft, Larry Crawford, Thomas E. Street, J. A. McLeod, Mr. and Mrs. George Perrett, Dr. and Mrs. A. D. Shaftesbury, Mr. and Mrs. R. D. Douglas, Inez Coldwell, Ethel McNairy, Mrs. Franklin McNutt, John Carr, Mr. and Mrs. Hugh Medford, Ida and Ailene Mitchell, George A. Smith, and Hal H. Strickland* (compiler).

GREENVILLE, N. C.: (Town area, outlying area to south along Tar River approx. 12 mi.)—Jan. 1, 5:30 A. M. to 5:45 P. M. Overcast to clear by 8:30 A. M., temp. 31° to 65°. Slight SW wind. Open and first year growth fields 50%, open woods 20%, dense river-bottom woods 15%, swamp 15%. Six observers, 1 on foot, 2 by car, 3 in gardens at home. Total hours, 35. Total miles, 40 (15 by foot, 25 by car). Great Blue Heron, 1; Turkey Vulture, 6; Black Vulture, 1; Sharp-shinned Hawk, 2; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 6; Killdeer, 2; Mourning Dove, 6; Great Horned Owl, 1; Barred Owl, 1; Yellow-shafted Flicker, 15; Pileated Woodpecker, 2; Red-bellied Woodpecker, 7; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 7; Phoebe, 2; Blue Jay, 19; American Crow, 264; Fish Crow, 1; Carolina Chickadee, 21; Tufted Titmouse, 15; White-breasted Nuthatch, 2; Brown-headed Nuthatch, 2; Winter Wren, 1; Carolina Wren, 22; Short-billed Marsh Wren, 1; Mockingbird, 9; Brown Thrasher, 4; Robin, 61; Eastern Bluebird, 44; Golden-crowned Kinglet, 10; Am. Pipit, 2; Cedar Waxwing, 8; Loggerhead Shirke, 7; Starling, 101; Myrtle Warbler, 151; English Sparrow, 63; Eastern Meadowlark, 17; Red-wing, 425; Orchard Oriole, 1 (observed by Dr. Jones); Cardinal, 17; Purple Finch, 11; American Goldfinch, 44; Red-eyed Towhee, 9; Slate-colored Junco, 227; Field Sparrow, 140; White-throated Sparrow, 131; Swamp Sparrow, 22; Song Sparrow, 39. Total, 53 species; about 1,966 individuals.—*Dr. Harold C. Jones, E.C.T.C.; Dr. and Mrs. B. McK. Johnson, Mrs. T. E. Hooker, Johnny Russell, R. L. Wolff* (compiler). One Orchard Oriole observed by Dr. Jones south of Greenville. 5 "oriole" observed by Dr. and Mrs. Johnson at their home on feeding tray some 8 feet away from observer. Russell and Wolff observed these also. Probably were orchard, however, seemed a little large, heavy bill and black on wings.)

GREENVILLE, S. C. (H. J. Gilreath farm; pine and deciduous woods 65%, open fields and thickets 30%, wet pasture thickets 5%.)—Dec. 31: 9:00 A. M. to 3:00 P. M. Overcast throughout the day; temp. 32° to 55° calm. Two observers. Total miles on foot, 5. Mourning Dove, 1; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 1; Blue Jay, 6; American Crow, 9; Carolina Chickadee, 6; Tufted Titmouse, 12; Red-breasted Nuthatch, 1; Carolina Wren, 6; Mockingbird, 3; Robin, 50; Eastern Bluebird, 6; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 6; Starling, 1; Cardinal, 4; Am. Goldfinch, 12; Rey-eyed Towhee, 7; Slate-colored Junco, 11; Field Sparrow, 25; White-throated Sparrow, 15; Song Sparrow, 20. Total, 22 species; 205 individuals.—*Misses May Puett and Ruth Gilreath.*

HENDERSON, N. C. (Same territory as in previous years; fields and thickets 50%, mixed woodlands 10%, low grounds, streams and small ponds 35%, suburbs 5%.) December 29th, 7:30 a.m. to 4:30 p.m. Calm and clear with temperature 33°-58°. Pied-billed Grebe, 1; Mallard, 1; Turkey Vulture, 13; Black Vulture, 5; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 1; Coot, 1; Mourning Dove, 13; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 4; Phoebe, 2; Bluejay, 4; Am. Crow, 34; Carolina Chickadee, 27; Tufted Titmouse, 12; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 3; Brown-headed Nuthatch, 2; Brown

Creeper, 3; Carolina Wren, 21; Mockingbird, 8; Brown Thrasher, 1; Robin, 6; Eastern Bluebird, 34; Golden-crowned Kinglet, 30; Ruby-crowned Kinglet, 12; Loggerhead Shrike, 5; Starling, 151; Myrtle Warbler, 47; English Sparrow, 31; Eastern Meadowlark, 3; Cardinal, 27; Purple Finch, 3; Am. Goldfinch, 64; Red-eyed Towhee, 19; Slate-colored Junco, 219; Field Sparrow, 95; White-throated Sparrow, 336; Fox Sparrow, 2; Swamp Sparrow, 8; Song Sparrow, 97. Species, 46; individuals, 1,361.—*Miss Mariel Gary, Miss Garnette Myers, Mrs. G. E. Rose, Mrs. S. R. Watson, and Mrs. A. W. Bachman* (compiler), (Henderson Bird Club).

HIGH POINT, N. C., (High Point Municipal Lake and watershed, Armstrong and Richardson farms, Country Club Golf Course and adjoining residential area.) Mixed woods 35%, lake and shoreline 25%, fields 20%, city yards 20%).—Dec. 26; 6:00 A. M. to 5:00 P. M. Foggy, intermittent rain; temp. 35°-52°; calm, ground bare. 18 observers in 5 parties. Total hours, 14; total miles, 15 (7 on foot, 8 by car.) Great Blue Heron, 1; Lesser Scaup Duck, 14; Turkey Vulture, 3; Cooper's Hawk, 1; Red-tailed Hawk, 1; Bobwhite, 3; Killdeer, 13; Mourning Dove, 9; Barred Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 15; Red-bellied Woodpecker, 7; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 12; Phoebe, 2; Horned Lark, 5; Blue Jay, 37; Am. Crow, 44; Carolina Chickadee, 35; Tufted Titmouse, 24; White-breasted Nuthatch, 16; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 24; Mockingbird, 32; Brown Thrasher, 2; Robin, 4; Hermit Thrush, 3; Eastern Bluebird, 33; Golden-crowned Kinglet, 16; Ruby-crowned Kinglet, 15; Loggerhead Shrike, 7; Starling, 211; Myrtle Warbler, 10; Pine Warbler, 4; English Sparrow, 15; Eastern Meadowlark, 14; Purple Grackle, 3; Cardinal, 51; Purple Finch, 13; Am. Goldfinch, 40; Red-eyed Towhee, 14; Slate-colored Junco, 261; Field Sparrow, 22; White-throated Sparrow, 120; Fox Sparrow, 1; Song Sparrow, 19. Total, 49 species, 1,190 individuals.—*Mrs. Florence Baker, Mr. and Mrs. J. W. Furr, Mrs. Vallette J. Harris, Mr. and Mrs. J. O. Hauschild, Mrs. C. C. Haworth, Margaret Haworth, Mrs. J. F. Hayden, Mrs. C. B. Mattocks, James Mattocks* (compiler), *Genevieve Moore, Mr. I. J. Quigley, Mr. and Mrs. R. I. Quigley, Miss Bess Siceloff, Miss Mary Alice Siceloff, Mrs. J. S. Siceloff* (Catesby Bird Club).

LENOIR, N. C.: (center of town to 1 mile north and east; 3 miles NW; 8 miles SW; town suburbs 80% pastures and open farmlands 20%).—Dec. 31; 7:30 A. M. to 5 P. M. Cloudy with occasional sunshine; temp. 28°F to 41°F; wind NE and cold; ground bare. Eighteen observers in 9 parties. Total hours, 10; total miles, 8 on foot. Cooper's Hawk, 3; Mourning Dove, 89; Yellow-shafted Flicker, 7; Red-bellied Wood-pecker, 1; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 12; Blue Jay, 9; Am. Crow, 3; Carolina Chickadee, 35; Tufted Titmouse, 36; White-breasted Nuthatch, 10; Brown Creeper, 3; Carolina Wren, 18; Mockingbird, 5; Brown Thrasher, 1 (G. Cloer); Hermit Thrush, 1; Eastern Bluebird, 13; Ruby-crowned Kinglet, 9; Starling, 37; Myrtle Warbler, 31; Pine Warbler, 5; English Sparrow, 67; Eastern Meadowlark, 3; Cardinal, 54; Purple Finch, 23; Red-eyed Towhee, 11; Savannah Sparrow, 8; Junco, 321; Field Sparrow, 97; White-throated Sparrow, 88; Fox Sparrow, 6; Song Sparrow, 16. Total, 33 species; 1,028 individuals.—*Mrs. Fred H. May* (compiler), *Mr. and Mrs. J. B. Bernard, Mr. and Mrs. James Griggs, Mr. and Mrs. R. T. Greer, Mrs. Bess Harper, Miss Margaret Harper, Mr. and Mrs. S. B. Howard, F. H. May, Mr. and Mrs. Tom Parks, Mr. and Mrs. C. S. Warren, Mrs. K. A. Link, and Gus Cloer* (Lenoir Audubon Club).

MT. OLIVE, WAYNE COUNTY (Wooten, Williams, and Brandon farms; open fields 50%, pine woods 10%, mixed pine and deciduous woods 35%, small

ponds 5%).—Dec. 25; 7:00 A. M. to 5:00 P. M. Cloudy all day; temp. 28° to 45°; wind N, 8-12 mph. One observer alone. Total hours, 10; total miles, 25 (7 on foot, 18 by car.) Pied-billed Grebe, 3; Wood Duck, 1; Ring-necked Duck, 4; Turkey Vulture, 1; Black Vulture, 3; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 5; Bobwhite, 38; Killdeer, 17; Mourning Dove, 56; Belted Kingfisher, 1; Yellow-shafted Flicker, 30; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 4; Eastern Phoebe, 6; Blue Jay, 8; Am. Crow, 29; Carolina Chickadee, 11; Tufted Titmouse, 10; White-breasted Nuthatch, 2; Brown-headed Nuthatch, 5; Brown Creeper, 8; Winter Wren, 3; Carolina Wren, 16; Mockingbird, 12; Catbird, 1; Brown Thrasher, 2; Robin, 84; Hermit Thrush, 22; Eastern Bluebird, 18; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 25; Am. Pipit, 17; Cedar Waxwing, 4; Loggerhead Shrike, 4; Starling, 35; Myrtle Warbler, 400 (est.); Pine Warbler, 3; Maryland Yellow-throat, 2; English Sparrow, 350 (est.); Eastern Meadowlark, 122; Red-wing, 46; Cardinal, 20; Pine Siskin, 6; Am. Goldfinch, 120; Red-eyed Towhee, 21; Savannah Sparrow, 6; Vesper Sparrow, 1; Slate-colored Junco, 250 (est.); Chipping Sparrow, 1; Field Sparrow, 60 (est.); White-throated Sparrow, 300 (est.); Fox Sparrow, 11; Swamp Sparrow, 3; Song Sparrow, 150 (est.). Total, 58 species; about 2,347 individuals. (Large decrease in red-wings, sparrows, etc., is probably due to bad weather conditions on day of count.)—*Bob Holmes III.*

RALEIGH, N. C. (Practically same area as previous counts; lakes and small ponds 40%, mixed pine and deciduous woodland 15%; deciduous woodland, 10%, open fields 10%).—Dec. 27; 7:30 A. M.- 5:30 P. M. Fog early, with heavy clouds and occasional drizzling rain in forenoon, clearing in afternoon; calm; temp. 60°-70°F.; ground bare, water open. Eight observers in six parties. Total hours, 31 (27 on foot, 4 by car); total miles 35, (27 on foot, 8 by car). Pied-billed Grebe, 3; Great Blue Heron, 1; Black Duck, 6; Baldpate, 27; Green-winged Teal, 4; Wood Duck, 1; Ring-necked Duck, 137; Canvasback, 2; Lesser Scaup Duck, 4; Old Squaw, 1; Ruddy Duck, 2; Turkey Vulture, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 4; Bobwhite, 8; Mourning Dove, 22; Belted Kingfisher, 2; Yellow-shafted Flicker, 14; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 5; Phoebe, 1; Blue Jay, 29; Am. Crow, 21; Carolina Chickadee, 10; Tufted Titmouse, 20; White-breasted Nuthatch, 2; Brown-headed Nuthatch, 12; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 25; Mockingbird, 27; Brown Thrasher, 1; Robin, 3; Eastern Bluebird, 54; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 27; Cedar Waxwing, 54; Loggerhead Shrike, 4; Starling, 984; Myrtle Warbler, 4; Pine Warbler, 2; English Sparrow, 51; Eastern Meadowlark, 35; Cardinal, 39; Purple Finch, 9; Am. Goldfinch, 40; Red-eyed Towhee, 14; Savannah Sparrow, 6; Vesper Sparrow, 3; Slate-colored Junco, 136; Field Sparrow, 37; White-throated Sparrow, 105; Fox Sparrow, 8; Swamp Sparrow, 3; Song Sparrow, 81. Total species, 62, 2,119 individuals.—*D. L. Wray* (compiler), *Robert Overing, Mrs. Helen Olds, Philip Davis, J. W. Johnson, J. F. Greene, Miss Virginia Pickelle, and Ethel Wray.*

SPARTANBURG, S. C. (center of town to points 12 miles south, east and west; Ezell woods, Duncan Park, Fairforest meadow, Zimmerman lake, city park lake; Cleveland fish pond, Silver Lake; open farmlands 10%, town suburbs 20%, mixed woodlands 10%, fresh-water ponds, lakes, and marshes 50%).—Dec. 29; dawn to dusk. Clear, cold, damp underfoot, temp. 30°-60°F; no wind. 7 observers; total miles, 45 (5 on foot, 40 by car). Pied-billed Grebe, 6; Great Blue Heron, 2; Canada Goose, 1; Blue Goose, 1; Black Duck, 1; Canvasback, 1; Lesser Scaup

Duck, 12; Ruddy Duck, 1; Turkey Vulture, 15; Black Vulture, 35; Red-tailed Hawk, 1; Marsh Hawk, 5; Sparrow Hawk, 3; Florida Gallinule, 1; Killdeer, 8; Mourning Dove, 75; Barn Owl, 5; Yellow-shafted Flicker, 6; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 3; Phoebe, 4; Blue Jay, 38; Am. Crow, 150 (est.); Carolina Chickadee, 27; Tufted Titmouse, 7; Brown-headed Nuthatch, 6; Winter Wren, 1; Carolina Wren, 30; Mockingbird, 12; Brown Thrasher, 4; Robin, 2; Hermit Thrush, 1; Veery, 1 (identified by F. B. from its song); Eastern bluebird, 125; Golden-crowned Kinglet, 30; Ruby-crowned Kinglet, 14; Am. Pipit, 98; Loggerhead Shrike, 13; Starling, 2,500 (est.); Pine Warbler, 5; English Sparrow, 35; Eastern Meadowlark, 90; Red-wing, 100 (est.); Purple Grackle, 1,200 (est.); Cardinal, 42; Purple Finch, 7; Am. Goldfinch, 135; Red-eyed Towhee, 23; Savannah Sparrow, 2; Junco, 100 (est.); Field Sparrow, 75; White-throated Sparrow, 100 (est.); Fox Sparrow, 6 (singing); Swamp Sparrow, 12; Song Sparrow, 62. Total, 57 species, about 5,245 individuals. (Two unidentified warblers, one probably immature Parula; other larger, with bright yellow throat and breast, no wing-bars. 20 Cedar Waxwings seen Dec. 20. Myrtle and Palm Warblers seen Dec. 26 by S. Tucker McCravy and R. E. Rupp.)—*Flora Beymer, Gabriel Cannon, Louisa Carlisle, Harold Correll, Ruth Crick, Margaret Hammond, Mrs. Margaret Y. Wall.*

WASHINGTON, N. C. (Pamlico River and Runyon Creek north; west over fields to vicinity of airport one mile from city; river borders of Chocowinity Swamp; river and shore 15%, wooded swampland 20%, open fields and field borders 40%, upland mixed woods 20%, small ponds 5%).—Dec. 24; 6:30 A.M. to 3:30 P.M. Clear to partly overcast; temp. 28° to 40°; No wind in A.M.; NW, 1-10 m.p.h. in P.M. One observer, on foot. Total hours, (on foot) 8; total miles, 8½. Red-shouldered Hawk, 2; Sparrow Hawk, 1; Bobwhite, 12; Am. Coot, 1; Killdeer, 1; Wilson's Snipe, 2; Herring Gull, 25; Ring-billed Gull, 15; Mourning Dove, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 20; Red-bellied Woodpecker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 1; Eastern Phoebe, 2; Blue Jay, 15; Am. Crow, 6; Fish Crow, 1; Carolina Chickadee, 8; Tufted Titmouse, 2; Carolina Wren, 10; Mockingbird, 8; Catbird, 1; Eastern Bluebird, 4; Ruby-crowned Kinglet, 2; Loggerhead Shrike, 2; Starling, 25; Myrtle Warbler, 30; Yellowthroat, 1; English Sparrow, 20; Eastern Meadowlark, 55; Redwing, 270; Rusty Blackbird, 12; Cardinal, 10; Purple Finch, 4; Towhee, 2; Savanah Sparrow, 5; Slate-colored Junco, 90; Field Sparrow, 15; White-throated Sparrow, 70; Fox Sparrow, 25; Swamp Sparrow, 8; Song Sparrow, 15. Total, 43 species; 804 individuals.—*Joseph D. Biggs.*

WILMINGTON, N. C. District (New Hanover and Brunswick Counties, fifth count in area; Wrightsville Beach and Sound, Masonboro and Greenville Sounds, Winter Park, Orton Plantation, Greenfield Lake, Pleasant Oaks. Mixed pine and deciduous woodland 60%, freshwater ponds and river 15%, beach and salt water marsh 20%, pasture 5%.)—Dec. 28; 6 A.M. until midnight. Max. temp. 65°, min. 40°. No rain. Ground fog in early morning. Moderate winds early from West NW shifting to NNE at 7:30 A.M. Peak winds 21 m.p.h. from NE at noon subsiding after 7 P. M. to 8 to 12 m.p.h. Mild in early part of day becoming colder in afternoon. Ground bare, water open. Twenty-two observers in 8 parties. Total hours 69 (35 on foot—34 by car); total miles 198 (48 on foot, 150 by car.) Common Loon, 8; Red-throated Loon, 5; Horned Grebe, 7; Pied-billed Grebe, 19; Brown Pelican, 3; Gannet, 42; Double-crested Cormorant, 24; Great Blue Heron, 14; American Egret, 3; Snowy Egret, 12; Louisiana Heron, 14; Little Blue Heron, 2; Black-Crowned Night Heron, 73; Canada Goose, 325; Blue Goose, 1 (see note); Mallard, 14; Black Duck, 3; European Widgeon, 1; Baldpate, 126; Pintail, 1;

Green-winged Teal, 4; Wood Duck, 2; Redhead, 1; Ring-necked Duck, 41; Canvasback, 1; Greater Scaup Duck, 2; Lesser Scaup Duck, 78; American Golden-eye, 2; Bufflehead, 5; Old Squaw, 1; Surf Scooter, 15; Ruddy Duck, 2; Hooded Merganser, 3; Red-breasted Merganser, 31; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 7; Bald Eagle, 2; Marsh Hawk, 5; Osprey, 2; Sparrow Hawk, 17; Bobwhite, 16; Clapper Rail, 1; Purple Gallinule, 1 (Orton); Florida Gallinule, 1; Coot, 125; Oyster Catcher, 3; Piping Plover, 3; Semi-palmated Plover, 4; Killdeer, 19; Black-bellied Plover, 16; Woodcock, 1; Wilson's Snipe, 1; Greater Yellow-legs, 1; Lesser Yellow-legs, 6; Purple Sandpiper, 2 (1 was seen on Oct. 3 and Oct. 15, 5 with 1 Ruddy Turnstone on Nov. 26th and Nov. 28th; could be seen almost any time after that just after high tide, feeding on the jetty at the south end of Wrightsville Beach; some were also seen at Fort Fisher by Funderburg and McAllister, 2 collected; this is second year); Red-backed Sandpiper, 125; Dowitcher 12, Semipalmated Sandpiper, 5; Western Sandpiper, 1 (Paris); Sanderling, 3; Herring Gull, 800 (est.); Ring-billed Gull, 200 (est.); Laughing Gull, 1; Bonaparte's Gull, 4; Forster's Tern, 14; Royal Tern, 1 (McAllister); Caspian Tern, 1; Mourning Dove, 32; Belted Kingfisher, 7; Yellow-shafted Flicker, 18; Pileated Wood-pecker, 4; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 1; Downy Woodpecker, 3; Red-cockaded Woodpecker, 5; Western Kingbird, 1 (McAllister); Phoebe, 7; Tree Swallow, 3; Blue Jay, 76; Am. Crow, 520; Fish Crow, 16; Carolina Chickadee, 41; Tufted Titmouse, 77; White-breasted Nuthatch, 1 (Airlee Garden, Holmes and Corbett); Red-breasted Nuthatch, 18; Brown-headed Nuthatch, 142; House Wren, 6; Winter Wren, 3; Carolina Wren, 113; Long-billed Marsh Wren, 1; Mockingbird, 77, Catbird, 24; Brown Thrasher, 48; Robin, 1200 (est.); Hermit Thrush, 8; Eastern Bluebird, 85; Blue-gray Gnatcatcher, 9; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 18; American Pipit, 225; Cedar Waxwing, 125; Loggerhead Shrike, 23; Starling, 575 (est.); Blue-headed Vireo, 1; Myrtle Warbler, 892 (est.); Yellow-throated Warbler, 2 (1 in Airlee, Holmes and Corbett, 1 on Beane Estate, Cecil Appleberry and Crawford); Pine Warbler, 14; Palm Warbler, 5; Yellow-throat, 8; Hooded Warbler, 1 (McAllister—he has seen a male and 2 females near his house several times); English Sparrow, 69; Eastern Meadow Lark, 142; Red-wing, 2,325 (est.); Boat-tailed Grackle, 31; Purple Grackle, 1; Cowbird, 675; Cardinal, 66; Purple Finch, 23; American Goldfinch, 70; Towhee, 153; Savannah Sparrow, 31; Grasshopper Sparrow, 1, Henslow's Sparrow, 4; Sharp-tailed Sparrow, 1; Seaside Sparrow, 1; Vesper Sparrow, 8; Slate-colored Junco, 34; Chipping Sparrow, 111; Field Sparrow, 21; White-throated Sparrow, 451 (est.); Fox Sparrow, 6; Swamp Sparrow, 4; Song Sparrow, 84. Total, 137 species; 11,059 individuals. On Dec. 20, a male Dickcissel came to C. McAllister's banding trap and tried to get in but the trap failed to work. It was studied closely at six feet by Claude and Don as it came back to the food several times; cf. *The Chat*, 1949, vol. XIII, p. 33. Also seen in area just before and after count day: Ruddy Turnstone; Black Skimmer; Willets; 21 Knots, 1 collected by Bunderburg; Ipswitch Sparrow, collected by Funderburg; Marbled Godwits, Holmes, Crawford, Trott, Funderburg, McAllister, Paris; 1 had been seen at close range in company with several Willets on August 4 by E. Appleberry and M. Baker. On Oct. 26 an immature Blue Goose flew into a wire fence at Smith's Dairy pond and was slightly stunned long enough for Mr. Smith to capture it. He kept it for us to see and McAllister to band, and then turned it loose with his other geese and ducks in open pasture but it refused to leave; later he clipped a few of its flight feathers on one wing; the goose can now fly but has not yet left.—*Mrs. Louise Forsyth, Bob Holmes III, Larry Crawford, Oscar Paris, Jr., John Trott, John Funderburg, Mrs. Sibbell Turnbull, Wilbur Corbett, Julia Theobald, Maurice Emmart, Claude and Don McAllister, Becky Near, Leona Carroll, Mrs. Gladys Mc-*

Millan, Mary Urich, Ruth Loman, Mary Baker, Polly Mebane, J. A. Bodine, Cecil Appleberry and Edna Appleberry, Compiler (Wilmington Natural Science Club, former Wilmington Bird Club.) (For the first time on a census the tide was low early in the morning and a very strong cold wind in the late afternoon kept the shore birds in the marsh grass across the channel.)

WINDOM, Yancey County, N. C. (farms of L. H. Hutchins, Mack Silver, Mrs. C. P. Gibson, and adjacent territory; open farmland 50%, white pine woodland 2%, pastures 18%, deciduous forests 30%).—Dec. 27; 8 A.M. to dusk. Partly cloudy; temp. 50° to 60°; no wind. Seven observers in 4 parties. Total hours, 28 (all on foot). Cooper's Hawk, 2; Red-tailed Hawk, 1; Killdeer, 10; Wilson's Snipe, 6; Mourning Dove, 8; Black-billed Cuckoo, 1 (seen by Donald Styles—no further comment.—Ed.); Downy Woodpecker, 6; Blue Jay, 8; American Crow, 15; Black-capped Chickadee, 8; Tufted Titmouse, 16; Carolina Wren, 20; Mockingbird, 1; Eastern Bluebird, 5; Starling, 24; English Sparrow, 309; Eastern Meadowlark, 1; Cardinal, 51; American Goldfinch, 62; Red-eyed Towhee, 6; Carolina Junco, 133; Field Sparrow, 121; Song Sparrow, 276. Total, 23 species; 1,090 individuals.—*Roosevelt Hughes, Paul Hughes, Brook Boone, Donald Boone, Donald Styles, Wade Styles*, and *James Hutchins* (compiler).

WINSTON-SALEM, FORSYTH COUNTY, N. C. (Same area as in previous counts, City Lake, City Parks, Reynolda, Yadkin River. Area included woodland 50%, old fields and cultivated fields 30%, lakes and rivers 20%.)—Dec. 26, 7:30 A.M. to 5:30 P.M. Wind, 1-5 mph, intermittent rain, temp. 45-50 degrees, six parties, 12 observers. Total hours, 35. Miles by foot, 30; by car, 60. Pied-billed Grebe, 1; Great Blue Heron, 3; Canada Goose, 303; Mallard, 20; Black Duck, 13; Pintail, 3; Ring-necked Duck, 20; Scaup Duck, 35; Cooper's Hawk, 1; Red-tailed Hawk, 1; Bobwhite, 14; Killdeer, 7; Wilson's Snipe, 10; Mourning Dove, 28; Screech Owl, 1; Yellow-shafted Flicker, 13; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 3; Downy Woodpecker, 14; Phoebe, 2; Horned Lark, 75 (est.); Blue Jay, 11; American Crow, 41; Carolina Chickadee, 46; Tufted Titmouse, 38; White-breasted Nuthatch, 16; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 29; Mockingbird, 23; Robin, 1; Hermit Thrush, 2; Eastern Bluebird, 34; Golden-crowned Kinglet, 39; Ruby-crowned Kinglet, 10; Loggerhead Shrike, 2; Starling, 574 (est.); Myrtle Warbler, 9; English Sparrow, 7; Eastern Meadowlark, 13; Red-wing, 2; Purple Grackle, 25; Cardinal, 96; Purple Finch, 3; American Goldfinch, 22; Red-eyed Towhee, 16; Slate-colored Junco, 311; Field Sparrow, 118; White-throated Sparrow, 198; Fox Sparrow, 1; Song Sparrow, 76. Total, 53 species, approximately 2,377 individuals.—*E. Wayne Irvin, H. M. Magie, Rev. Douglas Rights, Graham Rights, Dr. and Mrs. Thos. W. Simpson, Mrs. James L. Stephenson, James L. Stephenson, Norval Walker, R. N. White, Orville White, Robert H. Witherington* (compiler.)

News of Local Clubs

B. R. Chamberlain, "Critter Hill," Route 1, Matthews, N. C.

WILMINGTON NATURAL SCIENCE CLUB. A communication from John B. Funderburg, President of the Wilmington Bird Club states that at the October meeting of the Wilmington Bird Club it was voted

to change the name of the club to the Wilmington Natural Science Club, "due primarily to the fact that so many members of the club do not concentrate wholly on the study of birds, but are interested in many other forms of nature."

WINSTON-SALEM BIRD CLUB. The Winston-Salem group reports an increased number of bird feeding stations in the yards of their residence section, with an obvious widened study of their birds . . . The Clubs "Know Your Birds" talks continue—in a second grade, a kindergarten, and at a woman's club during December, and they are booked for the County Tubercular Sanitorium for a talk and showing of the Club's colored 16mm. moving picture this month . . . The Winston-Salem City Recreation Department has just started their 7th annual bird box building contest, 7 to 16 year olds eligible, with $60 in prizes donated by the Associated Garden Clubs.

GREENVILLE, SOUTH CAROLINA, BIRD CLUB. Here are some notes from a recent issue of the Greenville (S. C.) News; "The Greenville Bird Club recently shed its natal down, and is now proudly fluttering in its new plumage as it peers over the brim of a promising future. The Christmas meeting, a supper served by the Y.W.C.A. and spiced by a talk by Dave Tillinghast, still sparkles. For the January meeting Mr. Tillinghast returned, and with his brother, Ed. Tillinghast; and the speaker was none other than the beloved Gabriel Cannon, of Spartanburg, S. C. And as a surprise and distinct pleasure were the colorful sideline remarks of Dr. and Mrs. W. P. Van Esseltine, of Clemson College."

PIEDMONT BIRD CLUB. The annual Christmas dinner meeting was held on the evening of December 8th, at the Starmount Country Club, Greensboro, N. C., with the club president, Mrs. H. L. Medford, in charge. Dr. Charlotte Dawley, program chairman, presented three very attractive colored moving pictures of birds, "What Bird Is That?" "Birds in Winter," and "Bird Migration." Mrs. Margaret Y. Wall, who, for the past two summers, has been an instructor at the National Audubon Society's Nature Camp at Medomac, Maine, showed a colored moving picture of the Maine camp. Mrs. Wall, together with club members who had attended the camp, including Mrs. Floyd Hugh Craft, Miss Etta Schiffman, and Mrs. Edith Settan, gave an interesting running commentary about the instructors and students and the work of the camp.

Our Purple Martins

Henry Magie, Winston-Salem, N. C.

This fascinating, useful, fly-catching bird, the largest of the Swallow family, is one of the early arrivals of our summer nesting visitors, ar-

riving in Buncombe County March 5th, and in Forsyth County March 14th. According to Dr. Wesley Taylor, Guilford County Purple Martin enthusiast, Martins, with hospitable weather, arrive in Greensboro around March 4th, while with bad weather they may first appear two or even three weeks later, and they do not come in one or even two groups, but keep dribbling in, sometimes some arriving as late as May 1st.

The Purple Martin is about 8 inches long and not purple at all, but a deep, smoky blue. The female has a duller blue back with patches of dark gray which become whiter toward the belly. Gregarious in flyway and nesting habits, they are attracted by multiple apartment nesting homes, which may include as many as 30 or more units, mounted on a jointed pole 16 to 24 feet above ground, and located in a yard or field near a lake, pasture, or alfalfa patch where their food—flying insects, mosquitoes, moths, beetles, and such—are found.

Our North Carolina Indians understood and utilized the Purple Martin. To use his courage and daring in driving away hawks, crows, and owls, they erected 9-inch gourds on saplings or poles over their racks of drying venison and deer hides.

The brood, four or five to a nest, safely hatched and self-reliant in May, stay with us until late July when they form large flocks. T. Gilbert Pearson, late President of the National Audubon Society, estimated 200,000 occupying a favorite roost in the shade trees of a lot in Greensboro, N. C., one summer.

That our Forsyth County farmers recognize the value of the Purple Martin in catching on the wing millions of the insects that destroy growing crops is shown by the numerous colony nesting homes and gourds that are erected and maintained on our farms. Of proven value in Forsyth is the Purple Martin's liking for the yellow moth that lays her eggs on the young alfalfa.

Start the New Year in welcoming your Martins by erecting suitable nesting homes. Enjoy their sweet gurgling song in flight, often at night, study their rapid, graceful flight, watch them perched in rows on telephone wires, marvel at the miracle of their migrating instinct as they fly away 4,000 miles to their wintering home in Brazil, and late next July or early in August bid them adieu with "happy landings," and we will be looking for your return in 1951.

Field Notes and News

UNUSUAL WINTER RECORDS AT ELKIN, N. C.: I had some unusual records which I forgot to send in last year. We had a record of a Brown Thrasher

on February 3, 1949, and a still more unusual record of an Orange-crowned Warbler on February 15. This last record is unusual in the fact that this bird flew against our den window about nine-thirty one evening and, upon opening the window, flew into the room and was picked up. This was really a case of identification with the bird in hand. E. M. Hodel, Elkin, Surry County, N. C.

FLOCK OF BROWN CREEPERS: A flock of 14 Brown Creepers was observed feeding in a neighbor's yard on January 8th.

Henry Magie, Winston-Salem, N. C.

INTERESTING NEST SITES OF BLUE JAYS: During the 1949 season I found a Blue Jay nesting in a *Banksia* rose bush less than six feet from the ground, and another Blue Jay nest near the end of a limb of a water oak, about 15-20 feet above the ground. Both of these seemed to me to be unusual locations for jays' nests.
(Dec. 7, 1949) Gabriel Cannon, Spartanburg, S. C.

PARTIAL ALBINO CARDINAL AT WINSTON-SALEM, N. C.: A part albino male Cardinal was identified on our Christmas bird count, December 26. It was a blotched rufous and dirty white, with black crest, but no distinctive cardinal red. He has been seen for several weeks at various bird club members' feeders.
(Dec. 28, 1949.) Henry Magie.

ALBINO MOURNING DOVE TAKEN IN CARTERET COUNTY, N. C.: In January I received a dead albino Mourning Dove which had been taken December 31 in eastern Carteret County, N. C., by L. K. Thompson of Greensboro, N. C. Feathers on the top of the head were somewhat grayish, but the rest of the feathers all were yellowish white. The bird was sent to Harry Davis, Director of the North Carolina State Museum, Raleigh, and proved to be a male. A. D. S.

CANADA GEESE NEST AT SPARTANBURG, S. C.: On May 23, 1949, Harold E. Correll and I were checking the Birds at Zimmerman Lake. We knew that several Canada Geese had hatched out young some weeks before and were hoping for a view of some of them. We were not disappointed, as we saw an old Goose, then four small goslings followed by the other parent. The six swimming along in single file will long remain as one of the outstanding of my wildlife memories.

Gabriel Cannon, Spartanburg, S. C.

ALBINO TOWHEE AT PITTSBORO, N. C.—On December 19 a strange bird appeared three times at my feeding place. About the size of a thrasher, but perhaps more plump, and with somewhat shorter tail. The back of the bead, and back and rump were white, much white on wings and tail, top of head brownish, and breast brownish with white. In fact it looked as if someone had poured white paint over the bird. The bill was shorter than a Thrasher's. Wondered if it could be an albino Thrasher or Robin . . . December 17: The strange bird is an albino Towhee, female! Came back several times this morning. Saw her "scratching," and had a good look. Clara Hearne, Pittsboro.

SOME WESTERN NORTH CAROLINA NOTES: The following are some observations made on a two days trip with Jack Barnes of Winston-Salem, N. C. Dec. 28, 1949: 35 Scaup Ducks, Lake Tahoma, McDowell County; 1 Raven, seen from Parkway 10 miles from Mount Mitchell; Red-breasted Nuthatch, about 60, Mount Mitchell. Dec. 29: 242 Canada Geese, 35 Mallard, 46 Scaup, "Win-Mock Farm," on Yadkin River, Davie County. (Around 1941-1942 approximately 1,600 Canada Geese wintered in this area but were scattered by low flying planes, until only a few returned. Land owners now report a gradual increase.) No waterfowl were observed on lake or Catawba River from Claremont to Marion. Fishermen and natives say they have seen few waterfowl this fall and winter. Bob Wolff, Greenvile, N. C.

With the Editor

BIRD'S NESTS, A FIELD GUIDE: An ideal guide for summer and winter nature walks, with a unique finding key which will enable the camp counselor, teacher or nature lover to identify quickly any nest by its location and structure. With 160 pages, it has over 60 photographs, and is of convenient size. The price is $2.75 from your bookstore, or from the publisher, Ives Washburn, Inc., 29 West 57th St., New York 19, N. Y.

"A NORTH CAROLINA NATURALIST, H. H. BRIMLEY"—is the title of an attractive book, a collection of H. H. Brimley's writings, edited by Eugene H. Odom, and recently published by the University of North Carolina Press. Dr. Odum, who is now at the University of Georgia, Athens, Ga., is one of many men and women, who as youngsters or adults have known H. H. Brimley personally, and

H. H. Brimley and friends, at Carolina Marine Laboratory of the Woman's College of the University of North Carolina, Beaufort, N. C., June, 1938. From left to right: The late T. Gilbert Pearson, Virginia Miles, Mrs. H. H. Brimley, Archie D. Shaftesbury, Miss Inez Coldwell, Elinor S. Reece, Elizabeth Anderson (Barnes), "H. H.", Emelie Rose Brown, Mable Upchurch (Ellis).—From photo by Dorothy Bell (Hubbard.)

consider his friendship a rare privilege. In his introduction, Dr. Odum states: "While perhaps best known for his lifelong work in building up the North Carolina State Museum into a major force in the state's educational system, Brimley was a man of extraordinarily wide interests and talents. Unlike many of the naturalists and museum men of his day he did not withdraw himself completely from his fellow men and devote all his time to his specimens, but, on the contrary, he was a man's man, equally at home with and respected by hunters, scientists, business men, and civic leaders. Because his talent for scientific work and preparation was combined with the ability to interest people, his writings are authoritative and accurate in factual material, yet singularly free from the 'stuffy' style of the technical paper." Old friends will enjoy reading the tales and reminiscences, and many others will read the pages with pleasure, and will understand why H. H. Brimley was loved by everyone who knew him. The price of the volume is $3.50 at your book store, or from the University of North Carolina Press, Chapel Hill, N. C.

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(Notification of correction or change of address should be sent to: Dr. Archie D. Shaftesbury, Editor *The Chat*, W. C. U. N. C., Greensboro, N. C.)

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The Chat

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The Chat

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DR. ARCHIE D. SHAFTESBURY, *Editor*

Woman's College of the University of North Carolina, Greensboro, N. C.

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Review of "South Carolina Bird Life"

Charlotte Hilton Green, Raleigh, N. C.

(Reprinted from The Raleigh, N. C., *News and Observer*, through courtesy of Mrs. Green and the *News and Observer*)

SOUTH CAROLINA BIRD LIFE. By Alexander Sprunt, Jr., and E. Burnham Chamberlain. Contributions from Charleston Museums: XI, edited by E. Milby Burton, Director. University of South Carolina Press, Columbia, 1949. Over 600 pages. $10.00.

One of the finest books in the history of American ornithology has just been published by the University of South Carolina Press. It is the fruition of several decades of work and planning and authentic records kept for generations. The authors are two outstanding ornithologists, not only of their own state, but of the country.

The records are many, and go far back (over 200 years) for serious ornithological work began in South Carolina in May, 1722, with the arrival of Mark Catesby. In succession came such famous ornithologists as Alexander Wilson, John James Audubon, and Dr. John Bachman. Dr. Elliott Coues, and still later Dr. C. Hart Merriam did some work in the state, and there are also such names as Dr. William Brewster and L. M. Loomis. Modern work began with Arthur T. Wayne, who devoted all his time to ornithology from 1883, and was constantly in the field until 1930. He is said to have added a bird to the State list for every year he was in the field, an accomplishment that probably has no parallel in this country. In 1910 the Charleston Museum published his book, "The Birds of South Carolina," the first state bird book to be produced in the Southeastern States.

The two present authors, Sprunt and Chamberlain, have been actively interested in the birds of their native state since boyhood. Much of their early training, both in the museum and in the field, was under Wayne, "ornithologist, teacher, friend," to whom they have dedicated the book. Through the years, increasing information made a supplement necessary, which the authors of this volume did in 1931. Then, with more local observers in the field, especially much work being done in the interior, and with this added information and a more nation-wide interest in birds, it was realized an entirely new book was necessary to bring all records and information to date. This has been most successfully done in this volume.

Too, with outstanding observers keeping careful records for over two centuries, it is understandable that more species of birds have been made known to science from South Carolina than from any other state, bearing out Wayne's claim that his state stands first, in ornithological history, of any state in the union.

The book is written in a delightful style, and is beautifully illustrated by many original paintings of four outstanding bird artists—Peterson, Jaques, Dingle and Dick. There are also 36 excellent photographs by such outstanding bird photographers and experts as Cruickshank, Grimes, Sprunt, Halliday, Reilly and Carroll. And what seems to be something new in bird books, there are 12 excellent black and white photographs of habitats, such as Folly Beach, a salt marsh, a cypress stream, cypress marsh, a cotton field, the foothill country, Blue Ridge vista, etc.

As a field ornithologist Sprunt is credited with being one of the best in the country. For years he has been a member of the staff of the National Audubon Society, is in charge of many of their Audubon Tours, and some of their lectures, or Screen Tours. Chamberlain is curator of zoology at the Charleston Museum and for many years has been in charge of its bird records and collections which have been used so extensively in the writing of this book. The book was edited by E. Milby Burton, director of the museum, and himself an outstanding ornithologist, both as field man and laboratory technician.

Besides the excellent sketch on the history of ornithology of the state, there is a fine one on "On Studying Birds" which points out how birds can never be adquately understood unless considered in relation to their environment. "One cannot expect to find a covey of Bobwhites in a salt marsh, or a brace of mallards nesting in a chimney. Nevertheless, so little importance is attached by many people to this simple fundamental that they are often disappointed and become discouraged. A working knowledge of habitat is therefore essential, and by habitat is meant the immediate environment—the specific terrain a particular bird utilizes to find its food, build its nest, and rear its young."

Of course, for all South Carolinian bird-lovers the book is a "must" and it is almost equally so for North Carolinians, as many of our birds, habitat, and conditions are similar. It is much larger, more comprehensive—and more expensive, than our own. It will be something for us to aim at when our own state bird book is again revised.

Under each species, with both scientific and local English names, is a short physical description of the bird, followed by its geographical range and its status in South Carolina, with an account of the bird's habits, characteristics, and also a summary of its food and economic status.

In the accounts of the individual bird's habits and characteristics there is many a "bird nugget" to be dug out and enjoyed by the indefatigable bird student. (The book will have a permanent place on my desk, and already I have eight pages of those "nuggets" for future use, for which thank you, Alec Sprunt.)

Perhaps as good an idea as any, of the value of such books and work to save birds, and all our wildlife and resources, in general, is the following, quoting Wayne (1910) "The Snowy Egret is now almost extinct on this coast—it is so rare a bird at the present day that I have not seen an example for more than ten years." In 1949 Sprunt writes: "The Snowy Egret is now a permanent resident and one may see it, in an appropriate environment, almost every day of the year, winter and summer. The return to abundance from its shadow of extinction is a wonderful illustration of concerted and determined conservation."

That such a book, even at the price is having an excellent sale, shows that a discriminating public is indeed interested in conservation of our wildlife and the good earth and waters that wildlife lives in. Credit should go, too, to the South Carolina University Press and its managing editor, Frank H. Wardlaw, for the fine work done in the mechanics of the book.

The Editors of "South Carolina Bird Life"

E. B. CHAMBERLAIN

E. BURNHAM CHAMBERLAIN is Curator of Vertebrate Zoology at the Charleston Museum. He has had charge of the museum's collection of birds and bird records, and he has played a major part in gathering them for years. He joined the Charleston Museum staff shortly after returning from service in the First World War. His experience has been enriched by trips to outstanding museums of natural history in this country and in Europe. His field work and intense love for the outdoors date from early boyhood. Raised under the painfully exacting hand of Arthur T. Wayne, South Carolina's noted ornithologist of the prehandbook era, he has ever demanded of himself and others the highest degree of accuracy in field work. He is a Member of the American Ornithologists Union. In the co-authorship of *South Carolina Bird Life,* he has achieved a goal long anticipated. Aside from his contributions to ornithology, his ability in the field of herpetology is well rocognized.

His wife, formerly Margaret Sanders, is from St. Matthews, S. C. They have two boys. The elder, Edward, is a naturalist in his own right. He is with the Florida Wildlife Service.

ALEXANDER SPRUNT, JR.
—Photo by A. D. Cruickshank.

ALEXANDER SPRUNT, JR., has for years been a nationally known figure in the field of ornithology. As Staff Member of the National Audubon Society he has presented his theme of protection and conservation with professional force to large audiences all over the country. His excellent field work repeatedly fascinates thousands of birders who have followed him at Bulls Island, S. C., at Okeechobee, Fla., and other Wild life Refuges. Shortly after his college days at Davidson, N. C., he turned to writing nature stories that easily found their way into leading newspapers, magazines, and books. His style has done much to make *South Carolina Bird Life* the readable book that it is. He has been a Member of the American Ornithologists Union for a number of years.

His wife, formerly Margaret Vardell, is from Red Springs, N. C. They have a daughter and a son, "Sandy," who, in following his father in the choice of a profession, is rapidly gaining the affection and respect of all who know him.

E. B. Chamberlain.

ATTENTION, LOCAL CLUBS AND SECRETARIES: Various issues of *The Chat*, during the past three years, have carried a notice regarding federation with local clubs in order to establish closer relations with the local groups and promote more efficient interstate work. If you have not already presented this to your local group for this year, please do so. The plan provides for an annual fee of 10 cents a member from the local club (minimum total $2.50), to be sent to the Treasurer of the C. B. C. Local clubs already having 100% membership in the C. B. C. are exempted from this 10c fee. All affiliating clubs are to register with Robert Overing, Treasurer C. B. C., Route 4, Raleigh, N. C., on or before February 15th of each year. Local units claiming exemption from the 10c fee will also submit a complete list of their paid up members, on or before each February 15th. Each affiliated local club will be entitled to send a voting representative to one specified Carolina Bird Club Executive Committee meeting each year, for the consideration of plans and policies. A copy of *The Chat* will be sent to the club library of each affiliated local group.

CBC Enjoys Mid-winter Field Trip to Lake Mattamuskeet

Margaret Y. Wall, Greensboro, N. C.

Rhett Chamberlain, Phil Davis, Bob Wolff
Lake Mattamuskeet, Jan. 20, 1950

On Friday evening, January 20th, members who had arrived early at Lake Mattamuskeet, National Wildlife Refuge, in Hyde County, N. C., gathered in the Mattamuskeet Lodge for a briefing on the area by W. G. Cahoon, who is Refuge Manager. He told of how Lake Mattamuskeet was bought in 1924 by a company who built drainage canals out from the lake, built a pumping station and drained the lake to provide ground for growing flax, rice, soy beans, tobacco and potatoes. These crops grew well but the overhead expense was too great and the project failed. Again in 1933 another company tried and failed. On October 15, 1934, the U. S. Government bought the area of 50,250 acres and developed the area into a wildlife refuge. Such animals as deer, mink, otter and muskrat live in the refuge; however, the area is best known as a refuge for migratory wildfowl with the greatest concentration of Canada Geese on the Atlantic Coast, hundreds of Whistling Swans and many kinds of ducks. Hunting is permitted on a limited part of the refuge during the regular hunting season which had 35 days in the 1949-50 season. A total of 7,978 hunters visited the area and 6,000 geese were killed. Mr. Cahoon told us that the annual count of wildlife on the refuge was down for 1949. This, he said, was due largely to the heavy rains during the summer of 1949, which made it impossible to plant food for the birds. Robert W. Wolff, field trip chairman, announced plans for Saturday field trips.

Some of the members who were quite ambitious, arose early Saturday morning and climbed the tower by way of the circular iron stairway to get an overview of the area in the early morning light. After breakfast the members were divided and one group went, via open truck, to the east end of the refuge while the other group drove down to Swanquarter National Wildlife Refuge and enjoyed a boat trip into Pamlico Sound. In the afternoon the groups reversed.

Just at dusk Saturday, a tired, but very enthusiastic group of bird folks gathered on the causeway across Lake Mattamuskeet for the special event of the trip—a real "Eastern Carolina Oyster Roast," which was provided by Axon Smith, manager of the Mattamuskeet Lodge.

Saturday evening, B. R. Chamberlain, Carolina Bird Club president, conducted a brief business session. Messages were read from Mrs. O. F. Jenson, past president of the Carolina Bird Club, who sent "greetings and best wishes to all our friends," and from Dr. A. D. Shaftesbury, Editor of *The Chat*, who could not be with us. Notes

LOUIS PARKER, HAROLD GUERARD, MRS. GEORGE POTTER, MILBY BURTON

THOMAS UZZELL BILL JOYNER RHETT CHAMBERLAIN

—Pictures taken by Mrs. George Potter at Lake Mattamuskeet, Jan. 20, 1950.

of regret were read from Gabriel Cannon, Spartanburg, S. C., and from Mae Puett, Greenville, S. C.

A count was taken as to the number of members from various locations. Charleston had the most members from the greatest distance, 11 members who came 350 miles. Sixty-six people attended the meeting including the following: Charleston, S. C.: I. M. Metcalf, E. Milby Burton, George B. Rabb, Harold Guerard, Julian Harrison, John Quinby, Louis Parker, Mrs. Anne Worsham Richardson, Thomas M. Uzzell, Jr., E. B. Chamberlain, Ellison A. Williams; Charlotte, N. C.: B. Rhett Chamberlain, Norman Chamberlain, Mrs. George C. Potter, Doris Poole (Mrs. R. W.); Columbia, S. C.: Hallie Overton, Mrs. and Mrs. J. L. Gibbons; Chapel Hill, N. C.: Dr. and Mrs. Richard Weaver, Mrs. Lynn Gault; Fayetteville, N. C.: Mamie Gray, Mrs. John A. Oates, Carl F. Plate; Greenville, S. C.: Robert L. Wolff; Greensboro, N. C.: Ethel McNairy, Mr. and Mrs. T. A. Glascock, Mrs. Margaret Y. Wall, Mrs. R. D. Douglas; High Point, N. C.: Mr. and Mrs. Chester C. Haworth, John W. Richardson, James Mattocks, Mrs. C. B. Mattocks; Hickory, N. C.: Mr. and Mrs. J. W. Clinard; New Holland, N. C.: Mr. and Mrs. L. B. Tunnell, W. G. Cahoon; New London, N. C.: John Trott; Raleigh, N. C.: A. L. Guy, Mrs. M. B. Koonce, Margaret Watson, Mr. and Mrs. Hayden W. Olds, Mr. and Mrs. Robert Overing, Charlotte Hilton Green, Philip H. Davis; Rocky Mount, N. C.: J. W. E. Joyner; Washington, N. C.: Mary S. McLaurin, Dr. and Mrs. E. M. Brown; Wilmington, N. C.: Mrs. W. R. Baker, Mrs. W. C. Mebane, Jr., Mrs. H. Vander Schalie, Mr. and Mrs. Cecil Appleberry; Winston-Salem, N. C.; Miss Zeta C. Davidson; Wrightsville Sound, N. C.: Mrs. Mary Urich, Mrs. R. M. Herbst; Milton, Vermont: Mrs. Gladys MacMillan.

An invitation from the Charleston Natural History Society to hold the next annual spring meeting in Charleston was extended by the Charleston Natural History Society president, Major I. S. Metcalf. The invitation was accepted.

Robert Overing gave the treasurer's report, and stated that 37 new members were added in 1949 and 30 new members in 1950.

Following the business session, J. W. E. Joyner, president of the Francis H. Craighill Bird Club, Rocky Mount, N. C., showed some of his very beautiful colored movies. These included the field trips at Beaufort in 1947, and at Lumberton in 1949, as well as a movie of Gaddy's Pond and the Fred Latham private refuge, near Lake Mattamuskeet. Major I. M. Metcalf showed slides of birds of the Charleston area. A movie of breeding birds which was made by Dr. John Grey, former editor of *The Chat*, on Pea Island Refuge was shown and interesting comments were made by Harry T. Davis. John Trott, Chapel Hill, N. C., showed a number of lovely colored slides of birds and wild flowers.

A number of bird paintings by Mrs. Ann Worsham Richardson of Charleston, S. C., were on exhibit in the lounge of of the Lodge.

On Sunday, no trips were scheduled but many of the groups, reluctant to leave, went on field trips of their own around the refuge.

While on the whole the field trip was a very successful one, there was a noticeable difference in the numbers of birds formerly seen at Mattamuskeet. The Canada Geese flying in formation were still the most abundant of all species and surely a thrilling sight for those who had never seen them. The Whistling Swans were much reduced in numbers. On January 12, 56 swans were counted on the refuge. We saw only ten on January 21. In some former years thousands of Swans had spent the winter here. Myrtle Warblers seemed to be more numerous than ever before.

The total number of species recorded for the area was approximately 52. Among the most interesting seen were American Egrets, Catbird, and House Wren (Trott).

Our sincere appreciation for this delightful field trip goes to Bob Wolff, who arranged the trip, to Axon Smith, to W. G. Cahoon, and Joe Adams for making our stay on the refuge a pleasant one.

News of Local Clubs

B. R. Chamberlain, "Critter Hill," Route 1, Matthews, N. C.

WILSON WOMAN'S CLUB — Garden Dept. A recent letter from Miss Camilla Wills of the faculty of Atlantic Christian College, Wilson, N. C., and long a member of our Club, reminds us of an item we overlooked last year. In February of 1949, the Garden Department of Wilson Woman's Club affiliated itself with C.B.C. Bird interest at Wilson centers around the Bird Committee of the Garden Department. The new 1950 Chairman of this Committee is Mrs. C. A. Webster, 202 Park Avenue. Wilson was officially made a Bird Sanctuary in 1949.

FAYETTEVILLE BIRD CLUB. Here is a new club organized January 25, 1950, at a meeting at the City Hall attended by an interested group of birders, many of whom have been members of C.B.C. or N.C.B.C. for years. Miss Mamie Gray was elected temporary chairman, and Virgil Kelly was named temporary vice-chairman. Mrs. John Oates and Miss Gray gave an interesting account of the C. B. C. field trip to Mattamuskeet on the previous week-end. Rufus Page, Supervisor of Bladen Lakes State Forest for the N. C. Department of Conservation and Development, made some interesting and helpful suggestions to be acted upon at coming meetings, and gave a talk on winter birds, showing colored slides. Mr. Page is organizer of the Tar Heel Bird Club and the Elizabethtown Bird Club. Carl F. Plate, Superintendent of Recreation and Parks Department of Fayetteville, is largely responsible for forming this new club. Fayetteville was officially declared a Bird Sanctuary in 1948.

HICKORY BIRD CLUB. This group is enjoying a very worthwhile project at its regular meetings. The lives of our great ornithologists are being presented and studied. At the March meeting at the home of the Donald Menzies, J. Weston Clinard covered the life of Alexander Wilson in detail. The lives of Hudson and of John Muir are scheduled for coming meetings. It's a very good plan. I hope they do not overlook William Bartram.

PIEDMONT BIRD CLUB. "Voice Range in Birds" was the subject discussed at the February meeting, by Dr. Anna Joyce Reardon and Dr. Archie D. Shaftesbury, both members of the teaching staff at Woman's College of the University of North Carolina. For the March 16th meeting, Dr. Charlotte Dawley, of W. C. U. N. C., gave a talk on "Migration of Birds." Plans for the April 20th meeting include the presentation of

colored moving pictures of birds by Mrs. Harry E. Duer, of Cleveland, Ohio . . . Carl W. Bucheister, Vice-President of National Audubon Society, will present the annual free public lecture at Aycock Auditorium, Woman's College, Thursday evening, April 27th, at 8:00 o'clock, with colored moving pictures. The subject, "Wildlife Down East."

WILMINGTON NATURAL SCIENCE CLUB. As this is written, the Wilmington group, with a tactful hint here and a shove there from Mrs. A., is waist deep in preparations for their exhibit at the Azalea Festival. All reports indicate that it will be the best ever. The Club is doing a good advertising job before a mighty good audience.

CHARLESTON NATURAL HISTORY SOCIETY. At the March meeting the President, Major Metcalf showed a group of colored slides that he took at the C.B.C. meet at Lake Mattamuskeet in January. A sound film of the Inland Waterways by the U. S. Engineers was featured, and this was followed by reports from Department Chairmen. Your Notes Editor had the pleasure of being present.

COLUMBIA NATURAL HISTORY SOCIETY. Our report on activities comes from Sumter where Mrs. W. H. Faver, one of their very active members, gave a talk and accepted twenty new memberships for C.B.C. Mrs. Faver is Carolina Bird Club Membership Chairman for South Carolina. If you attended the Fontana trip you will recall that she was awarded a prize by the Hickory Club for getting the largest number of C.B.C. members last year.

Columbia Natural History Society Visits Bulls Island

Kay Curtis Sisson, Columbia, S. C.

Long before daylight on Saturday morning, December 10, 1949, a dozen members and friends of the Columbia Natural History Society, really in their right minds, were motoring toward the Charleston Museum, bent on studying the collection of mounted birds there, and seeing an exhibit of the originals of paintings used in *South Carolina Bird Life* by Alexander Sprunt, Jr, and E. B. Chamberlain, before catching the 11:30 boat at Moore's Landing. This is about twenty-five miles north of Charleston where the boat would take us to Bulls Island, National Wildlife Refuge.

The first bird we saw at the wharf was a Brown Pelican, the only one seen that weekend, and the first Great Blue Heron flew out over the marshes while we were waiting for our navigator.

Until we were all on board the small government boat, I don't think we realized that a long-talked-of wish was coming true for certain and sure! The weather was raw and wintry and the wind blew a gale but the trip across the bay is less than an

hour and we were climbing up the steps in the boathouse at Bulls Island before we knew it. We had seen Herring and Ring-billed Gulls, Bald Eagles, Cormorants, Horned and Pied-billed Grebes, Kingfishers, Red-wings and one Piping Plover, which circled the boat as we came down the last channel.

After being well stuffed with lunch we set forth for Moccasin Pond, one of several fresh-water ponds maintained for the great congregations of waterfowl. We went down a wooded lane canopied with magnificent live oaks, magnolias, giant pines and palmettos. We saw Woodpeckers, Pileated, Red-bellied, Downies, and Flickers; Red-eyed Towhees, Cardinals, Hermit Thrushes, Carolina and House Wrens; Ruby-crowned Kinglets and Myrtle Warblers were overflowing the myrtles, cassinas, wax berries and other lower growing trees and shrubs. Some of us fell way behind the others in our interest in a strange spiney tree, probably the Hercules' Club, or Spined Aralia. Several members of our group were especially interested in watching the big black fox squirrels. This island is just about their northern limit. Some of these squirrels were marked with a patch of white on the face or tail or some other part of the body. Fred Sample who is interested in eagles looked for one of their nests in the top of nearly every great pine tree. We did see one Bald Eagle's nest which we were told might have weighed as much as two tons if each piece were taken down and totaled.

It was surprising to note that few of the common songbirds of the mainland were seen in this island paradise. None of the Nuthatches, Titmice, Chickadees, Robins, and only a few Pine Warblers, Brown Thrashers, Bluebirds and just one Blue Jay and one Brown Creeper were seen. Now and then we'd see a Great Blue, Ward's or Louisiana Heron, and Marsh Hawks and Bald Eagles were plentiful over the marshes.

Not one of us was disappointed in the great numbers of wild ducks on Moccasin Pond which we watched from behind the reeds. There were Mallards, Blacks, Gadwalls, Pintails, Green-winged and Blue-winged Teal, Shovellers, Wood Ducks and Ring-necks. We saw Canvasbacks, Scaups, Buffle-heads, Old Squaws, Hooded Mergansers and Ruddy Ducks. This number is only two short of the eighteen seen most commonly. We had no expert eye amongst us so there is little doubt that there could have been more species. We couldn't figure out what a green-crowned, rusty-brown headed duck was we saw in front of us and watched fly off. Later on we consulted Peterson's Guide, Kortright and the new "South Carolina Bird Life" but the matter of identity was left unsettled for further checking.

After we had discussed, studied and determined on the species we were certain of amongst the hundreds of ducks on the water, we made a bit of a racket to give Gilbert Bristow a chance to get some pictures of the ducks rising from the pond in flocks. Mr. Bristow has given up farming as a hobby in favor of bird photography. The sudden "skittering" and rising of the ducks was a beautiful sight, and when they had flown off against the afternoon sky we started back to Dominic House.

As we approached the turn of the road onto the quarter mile straight lane from the lodge to the sea, we saw a deer which stood a moment then flashed its white flag and nimbly disappeared into the undergrowth. We still had a half hour of daylight so we took a left hand turn and walked down on the beach. There were a couple of Sanderlings keeping just ahead of the waves that washed up on the sand. We saw a few ducks way off in silhouette and a Cormorant but the wind was blowing too hard out on the beach for it to be pleasing for man or fowl. Coming back across the dunes Mrs. William Faver and I thought we heard the familiar "p'peet-p'peet" of the Pipits. Several little brownish streaked birds flew right up around us. Those who went on ahead saw some of the flock of fifty Wild Turkeys feeding on the lawn of the lodge, and later watched them settle down for the night in their roosts. We all came indoors at dusk and found a big comfortable fire in the

fireplace for us. Our total for the day was about 60 species of birds seen.

Those who went to Bulls Island, other than those already mentioned, are: Mrs. Bristow, Miss Anne Faver, Mrs. J. L. Gibbons, Miss Hallie Overton, Mrs. Fred Sample, Mr. and Mrs. Charles Eastman, and Mrs. Ben Meeks.

SECOND DAY

The next morning was warm and balmy like mid-August and before daybreak and breakfast we hurried to Summerhouse Pond, another small body of fresh water. We walked slowly across a narrow causeway or dyke at the northern end of this pond and here beside us in a pool of shallow water was a marsh hen (Clapper Rail) which silently slid through the reeds. Later we heard its "clattering" utterances. The path was lined here and there with low growing brush giving us a kind of blind to stand behind. With the marshes on both sides and the clear water of the pond in the distance, here was a super spot for establishing oneself for a few hours of watching when you were not trying to see everything on the island in one week-end. In fact, halfway across was a small burlap "blind" used by someone who perhaps thought he had a seat in his own kind of heaven! The berry-bearing bushes here, too, were full of Redstarts and other warblers and small songbirds. We scared up many Coots from the quiet pools amongst the reeds, and small numbers of Wood Ducks, Blacks and Pintails suddenly flew up into the sky. Two or three Great Blues flapped their wings quietly and flew over the marshes.

After bacon and eggs and plenty of good black coffee, Mrs. Moffat who manages the lodge, and well, drove us to the northern end of the island. It was on this particular woodland road that she pointed out the Bald Eagle's nest.

Just before we reached Jacks Pond we climbed down from the truck and crept slowly into the open roadway that led across a wide impoundment, then a sand dune just beyond which lay the ocean, its beach strewn with fantastically twisted limbs and trunks of trees bleached nearly white, killed by the steady and overwhelming onslaught of salt water. In the October issue of Nature Magazine, Anthony Merrill, writing about Cape Romain (49,000 acres) of which Bulls Island is an "ancient barrier reef," 6 miles long and 2 miles wide (at its widest point), makes this interesting statement: "The sea has completely swallowed a lighthouse, an entire cape and countless acres of irreplaceable forest. Its next objective is Jacks Pond." The effect of salt water on this largest pond "would be a disasterous blow to the whole refuge." Desipte this probable sinister fate, the panorama spread out there before us was unforgettable!

At this point Mrs. Faver and I were left by the others in an attempt to identify a wren and numerous sparrows in the thick sedge along the sides of the dyke. We "squeaked" and "squeaked" but got only fleeting glimpses of species we did not identify. If we stepped into the grass we were immediately covered with wood-ticks and then we'd go to picking them off of each other and vowed not to put our foot out too far. We saw Yellow-throats, Song Sparrows and lots of female Red-wings, but the elusive little wren we'll have to go back to study further, and we hope successfully next time, and soon!

Besides we had to hurry now to catch up with the rest of the group who would be waiting for us at the northern end of Moccasin Pond. If we thought we had seen a magnificent sight the afternoon before, here were even more ducks on the water against a lovely wooded shore opposite. We watched all the different species, most of which we'd seen at the other end of the pond, and already we felt the triumph of recognizing those that had been strange to us the day before. At midday the truck called for us and we returned to the lodge.

The boat trip back to the mainland was very interesting because the tide was out and the mud flats were easily visible. There were Sanderlings, Yellowlegs,

Willets, Marbled Godwits, Black-bellied Plovers, and occasional Pied-billed and Horned Grebes, and Herring Gulls, both mature and the darker plumage of the immature were seen. But the highlight was the Oyster-catcher with its black head and neck, white belly and long, thick red bill. We must have seen a dozen of them. Sprunt and Chamberlain call them "the aristocrats of the shore tribe." Our total count for the weekend reached about 89 species.

Well, the island of enchantment is disappearing behind us and I am keen to go back again this winter.

A LETTER FROM MRS. ZORA S. JENSEN

To the North Carolina Bird Club
Dear friends:

You notice I have addressed you by the old title, for this letter is meant for that particular group.

Most recently, opening a box delivered by the mailman, I found your parting gift to me—the book by Alexander Sprunt, Jr., and E. Burnham Chamberlain on "South Carolina Bird Life." I sat right down and mentally went on old trips with you all. Bulls Island was first—the Oyster Catchers started that; then I went over all the shore birds we saw on the trip over. Do you remember the close view of Duck Hawks from the boat? When I look back, it seems impossible to accept the idea of rain on that whole trip for I have such "sunny" memories. The Wild Turkeys flying across the road, and the Bald Eagle's nest with young plainly inside; as well as Snowy Egrets—my first, all made the trip to Bulls Island a high light.

Memory raced on—suddenly I was on the rugged Pea Island trip. Early morning breakfast in the dark at Manteo—piling in the government trucks for the race for the 7 o'clock ferry. How bitterly cold, but anticipation gave warmth to the heart!

On the ferry, crossing, I can still see those Bald Eagles sitting on every pile, or post—majestic creatures. Hurrying on, and rounding the sound area, we came upon the view of the far banks. It looked completely blanketed with snow—binoculars amazed us to reveal thousands upon thousands of Snow Geese. Do you recall when the eagle set them into such gorgeous flight patterns against the deep blue sky with the sea grass and bays below. We needed Jaques to commemorate it!

What good cheer, and companionship at luncheon far out on the lonely windswept, deserted banks—so near the famous treacherous Cape Hatteras. Thanks to you all, we had dinner that day—for we had been traveling and had not brought what we should. I can still see Catharine Shaftesbury's nice big ham, and remember how she always thought of the needs of people like us. Dick Weaver really froze that day, but I'm sure he thought it was worth it! The government biologist's comments on leaving us: "This is the most uncomplaining, enthusiastic group I have ever piloted. The weather today—the cold, bitter wind is a tester. You are good sports!"

Thank you all so *very* much for this book which means so much to me. Each time I go through it something in it reminds me of another one of my friends amongst you all. Charlotte Hilton Green, my good friend has written your greetings on the fly leaf—I wish you could all have written in it.

I saw the originals of the Roger Tory Peterson pictures in the book at the Audubon Annual meeting in Detroit—very lovely. Jaques' things, I think, though, capture the real feelings of a place—the stillness, the real environment of bird life. The whole book is just "tops" in every way, and I for one feel a great pride in what our good friends have accomplished.

It was my great pleasure to introduce Alexander Sprunt on our Audubon Screen

Tour up in Traverse City, Michigan. He came out and spent the afternoon at our Cottage and such fun as we had reminiscing and talking over the new book. It is even better than I anticipated!

My thanks to you all, and I hope before too long we shall join you on at least one trip again.

Sincerely,

ZORA S. JENSEN.

Field Notes and News

OWLS THAT ANNOY—During last year's nesting season the Robins about my yard raised a great disturbance several times a day without apparent cause. After repeated investigations, I finally caught a glimpse of a small falcon-like bird making a getaway through the trees. Remains of several nestlings were found over a period of ten days. After several weeks we finally got rid of two Sparrow Hawks, and the commotion around the yard ceased. It is against my principles to destroy birds usually considered as useful in destroying mice, rats, and other noxious pests about house and field, but in this case it seemed worth while.

The small Screech Owls also get into trouble once in a while. They sometimes appropriate boxes put up for the Flickers and destroy the occupants in the process. When the box is cleaned out, one is very likely to find the feathers of numerous small birds and of Flickers as well. It would seem proper to stop such depredations.

WESLEY TAYLOR, Greensboro N. C.

INTENSE MICROSCOPIC ANIMAL POPULATION IN GADDY'S GOOSE POND: On a visit to the famed Gaddy's goose pond at Ansonville, N. C. on April 5, 1948, the floating microscopic fauna was sampled with a plankton net. The lake was found to be in a startling condition as follows: There were 4,300 planktonic animals per liter compared to the usual 1 to 50 more often found in lakes of usual fertility. There were primarily *Bosmina* and *Cyclops*. The lake at this time was intensely argillotrophic that is, containing colloidally suspended iron and silica from clay drainage. This dense population was apparently not feeding on diatoms or other phytaplankton (microscopic plants) which were almost completely absent. The intriguing idea arises that this great plankton population was supported by the harmless bacteria growing with the aid of phosphates and nitrates supplied by droppings of the great numbers of Canada Geese, up to 5,000, wintering on this tiny lake. There were 28 geese remaining on that date. There was almost no littoral vegetation at the time. We wish to thank Mr. Gaddy for his help.—TOM ODUM AND VIRGINIA ODUM, Osborn Zoological Laboratory, Yale University, New Haven, Conn.

PEA ISLAND NATIONAL WILDLIFE REFUGE, N. C.: Here are some of the waterfowl counts on Pea Island Refuge for the latter part of 1949. Following the names of most of the species are three groups of figures, (a) the date when first seen, and the number; (b) the peak number and date; and (c) the total estimated on the refuge to Dec. 31. Whistling Swan: Oct. 22, 6; Nov. 15, 113; 113. Canada Geese: Oct. 18, 21; Dec. 6, 12,500; 15,000. Snow Goose: Nov. 9, 8; Dec. 9, 12,000; 12,500. Blue Goose: Nov. 1, 34; Nov. 16, 34; 34. Mallard: Nov. 9, 23; Nov. 21, 60; 100. Black Duck: resident; Nov. 21, 4,000; 6,000; Gadwall; resident; Nov. 1, 325; 400. Baldpate: Oct. 28, 5; Nov. 8, 11; 30. Pintail: Oct. 12, 20; Nov. 28,

4,000; 4,500. Green-winged Teal: Oct. 12, 12; Dec. 5, 200; 400. Blue-winged Teal: Oct. 12, 6; Dec. 1, 150; 200. Shoveller: Nov. 9, 12; Dec. 20, 100; 200. Ring-necked Duck: Nov. 9, 10; Dec. 20, 50; 100. Canvasback: Nov. 9, 5; Dec. 16, 5; 5. Greater Scaup Duck: Nov. 1, 22; Dec. 20, 4,500; 5,000. Bufflehead: Nov. 28, 8; Dec. 20, 100; 200. Ruddy Duck: Nov. 9, 25; Dec. 20, 500; 700. Red-breasted Merganser: Nov. 10, 8; Dec. 20, 12; 50. Coot: Oct. 28, 100; Dec. 5, 350; 500. Great Black-backed Gull: Oct. 28, 6; Dec. 10, 180; 200. Avocet: 6 observed, from Nov. 4 to Dec. 20.—Lewis B. Turner, Refuge Manager, Manteo, N. C.

SNOWY OR ARCTIC OWL. Captured in Carteret County, N. C., Dec. 14, 1945. (Photograph courtesy Greensboro News-Record.)

SNOWY OWLS INVADE NORTH CAROLINA: Last December, reports of unusual numbers of Arctic Owls arriving in the northern states indicated that this was another invasion year. In North Carolina, Henry Magie reported that an "all white" owl was seen at Winston-Salem, by Stewart Buchanan, on the evening of Dec. 27. Buchanan estimated the bird's wing spread as at least three feet, and the height, when perched, twelve inches; heavy appearing body, round face, and no markings observed . . . At Greensboro, N. C., John B. Weldon, employee at the Greensboro airport, reported that on Jan. 23, two tower operators, one a Scoutmaster, picked up with car lights at the airport a large white owl, undoubtedly a Snowy Owl. They watched the owl for twenty minutes or more, following it with the flood lights. Attempts to capture the bird were futile . . . According to the *Greensboro Record*, during the week of February 13th, Bill Underwood reported seeing, on the front lawn of his home at Greensboro, three white owls, huge creatures with a wing span of possibly five feet. A couple of days later, Underwood, with three other observers, saw another Snowy Owl in a wooded area in the Irving Park section of Greensboro.

The Snowy or Arctic Owl nests in the tundra of northern Canada and northern Alaska. Some appear in northern United States each winter, from Montana to New England, but every four or five years their mouse-like food, lemmings, becomes scarce and many hundreds of Snowy Owls drift southward looking for food, sometimes reaching as far south as Texas, Louisiana, and South Carolina. Unused to civilization, the bird is not shy, and so hundreds of these practically harmless birds are killed during each invasion. The last invasion of the United States was during the winter of 1945-1946. Most of the birds show more or less dark spotting or bars, but some of the males are practically pure white.—A. D. S.

WILMINGTON, N. C. *Migration reports, Aug. 1, 1949-Nov. 30, 1949.* Marbled Godwit, Aug. 4, E. Appleberry and M. Baker, flew within 30 feet in line of Willets, settled on the beach for a few minutes. Man-o'-war-bird—1, Aug. 28, near Long Beach causeway by Dr. Will Rose; Aug. 29, 3 at Fort Caswell, 1 at Wrightsville Beach, by Rose; Aug. 29, 3 at Southport by Watters Thompson; Sept. 2, 1 at Masonboro Sound, by Maurice Emmart. Purple Sandpipers—See Wilmington's 1949 Christmas count in Jan. issue of *The Chat.* White-rumped Sandpiper—Oct. 19, E. and C. Appleberry. Baird's Sandpiper—Nov. 25, identified by Charles L. Broley who is quite familiar with them, observed at 6 ft by Broley, E. Appleberry, Baker, and Mebane, bird so friendly we could hardly persuade it to fly a little. White Ibis—Oct. 25, 2 immature seen at Orton by Kenneth Sprunt; still there Nov. 8th, when they were seen by Sprunt, Baker, and Appleberry. Avocet—1 Observed feeding day and night at mudhole, Oct. 16—Oct. 26. Saw-whet Owl—Seen Nov. 13 by Theobald family who almost caught it. Eastern Kingbird—Oct. 7, Wrightsville Sound, Urich and Herbst. Western Kingbird—Oct. 24, at Rocks, seen morning and afternoon at close range by Baker and E. Appleberry. Gannet—Oct. 23, 24, at Rocks; by Nov. 23 great numbers were in surf at Wrightsville. Painted Bunting—We have long believed that some birds winter here, and are keeping records; Sept. 27, Claude McAlister; Oct. 1, Maurice Emmart; Oct. 24, at Rocks, Baker and Appleberry—this one was sitting in the top of a tree in full sunlight and singing. Stilt Sandpiper—Oct. 14, 19 seen by Appleberry, Baker, and Urich. Piping Plover—Nov. 26, 1 seen by Hon, Holmes, McCulloch, and Appleberrys.

Wilmington Natural Science Club (formerly Wilmington Bird Club)
EDNA LANIER APPLEBERRY, *Compiler*

With the Editor

CONSERVATION PLEDGE: I give my pledge as an American to save and faithfully defend from waste the natural resources of my country—its soil and minerals, its forests, waters, and wildlife.

THE BLUEBIRD TRAIL—is what Connie Watts, of Baldwin, Georgia, would like to make of U. S. Highway 23, if he can get help to put up 3,300 Bluebird houses on the route from Canada to Florida, according to the United Press. U. S. route 23 crosses western North Carolina, passing through Asheville.

LAKE JUNALUSKA A BIRD SANCTUARY: We have been informed that, through the efforts of Mrs. J. S. Henninger, C. B. C. member at Chapel Hill, N. C., Lake Junaluska, Haywood County, N. C., has been declared a bird sanctuary. Mrs. Henninger wishes information regarding movies, lectures, etc., to be given there this summer. Among the possible sources of lectures we suggest (a) N. C. Department of Conservation and Development, Division of Forest and Parks, Raleigh, N. C.; (b) N. C. Fish and Wildlife Commission, Raleigh, N. C.; and (c) National Audubon Society, 1000 Fifth Ave., New York 28, N. Y. If any of our readers have suggestions, send them to *The Chat*, or write directly to Mrs. J. S. Henninger, Strowd Hill, Chapel Hill, N. C.

AUDUBON NATURE CAMPS for adults professionally interested in schools, camping, museums, libraries, recreation and youth group activities or any phase of conservation, and for members of bird clubs, garden clubs, and others with a non-professional interest in the out-of-doors and natural resource conservation, are being held again this summer in Maine (12th year), Connecticut (7th year), Texas, and

California. Each camper enrolls for a two-weeks session during the summer and actively participates in classes in the field under expert leadership. Numerous Carolina teachers and nature workers have attended the Audubon Nature Camps during the past few years, and all are very enthusiastic about the camps, the camp work, and the camp leaders. For dates and general information drop a card or letter to: National Audubon Society, 1000 Fifth Ave., New York 28, N. Y.

WHO RAISES LOVE BIRDS?—A letter from Julius J. Szabo, 292 Alpine St., Perth Amboy, N. J., states that he is interested in raising Parakeets (Love Birds) as a hobby, and would like to obtain the names and addresses of reliable breeders for the purpose of obtaining breeding stock. He would appreciate any information which C.B.C. members might send to him.

SUE ROUGHTON THOMPSON—whose article "Scarlet Tanager Nests at Chapel Hill," appeared in the December, 1949 issue of *The Chat,* is Mrs. Matt L. Thompson whose home is on Dogwood Drive, Chapel Hill, N. C. the home formerly occupied by Ove and Zora Jensen. Mrs. Thompson states: "Although we are not yet banding any birds, we are diligently planning toward that end. In the meantime, as a family, we are keeping up the sanctuary and learning more and more as the days go by. We had previously kept feeding stations and had been intensely interested in birds prior to taking over the (Jensen) location."

SOUTH CAROLINA'S BIRD DAY: Through the work of the Garden Club of South Carolina and its Bird Committee, the latter headed by Chairman Mrs. A. D. Abercrombie, Greenwood, S. C., the South Carolina legislature has established April 26th as South Carolina's Annual Bird Day. The aims of the bird program for the garden clubs of South Carolina for 1949-1950 include: "A definite study of birds by Garden Club members and future gardeners—youth of today; this study to include life histories of birds, nesting habits, migrating habits, feeding habits, associates, economic importance and attracting and protecting birds.

ANNUAL SPRING MEETING TO BE HELD AT CHARLESTON, S. C. Carolina Bird Club members have received the program of the twelfth annual spring meeting, to be held April 28, 29, and 30, at Charleston. Field trips are especially featured, and an enjoyable meeting is assured. Carl W. Buchheister, Vice-President of the National Audubon Society, will be a guest of C. B. C. at the Charleston meeting. Don't overlook the business meeting at 10:00 o'clock Sunday morning at the Charleston museum. Registration headquarters, and source of field trips and plans, and schedules is at The Alhambra, Mt. Pleasant, just across Cooper River from Charleston.

A LETTER TO DR. T. L. QUAY—"Dear Dr. Quay: I am pleased that you located the Skinner and Achorn *Winter Birds of the Sandhills.* I hope that you saw Mr. Packard. Also I would suggest that you call on Dr. R. E. Coker and see the original drawings by E. J. Sawyer which I presented to the University of North Carolina in order that they could be used locally and carefully preserved. I am pleased that you have called attention to the availability of the book and find it valuable. Very sincerely, CHAS. C. ADAMS." (Dr. Skinner was the prime force behind the publication of the Skinner and Achorn book, while he was director of the New York State Museum at Albany. He has presented the University of North Carolina with the original drawings and all other materials involved in the construction and publication of the book.)

New Members of Carolina Bird Club

Mrs. Harry Alexander, 1122 Rotary Drive, High Point, N. C.
C. M. Appleberry, 5 Lake Forest Parkway, Wilmington, N. C.
Mrs. W. E. Aycock, Fremont, N. C.
Mrs. Raymond G. Barnett, 609 Greenway Terrace, Kansas City, Mo.
Mrs. Cora C. Briles, Rt. 3, High Point, N. C.
Barbara Brooks, % Chamber of Commerce, High Point, N. C.
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Carrie Burton, 554 N. William St., Henderson, N. C.
Mrs. J. T. Buxton, 26 Frank Clarke St., Sumter, S. C.
Frank Chandler, Hasell St., Sumter, S. C.
Sara Clapp, 1001 Johnson St., High Point, N. C.
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Liza Lee Culberson, 1546 Iredell Dr., Raleigh, N. C.
John R. Dapper, Rt. 3, Pickens, S. C.
G. O. Doak, Box 687, Chapel Hill, N. C.
Mrs. G. O. Doak, Box 687, Chapel Hill, N. C.
Harry Ellis, Rt., 1, Box 144, Toecane, N. C.
Mrs. J. A. Eshelman, 905 Johnson St., High Point, N. C.
Mrs. D. J. Folk, Williston, N. C.
James Furr, 709 West Howell, High Point, N. C.
Dr. E. R. Hardin, N. Elm St., Lumberton, N. C.
Mrs. J. P. Harland, Box 48, Chapel Hill, N. C.
Mrs. Hugh H. Harris, 1701 Queens Rd., Charlotte, N. C.
Julian Harris, % Lakeside Pharmacy, 141 Broad St., Charleston, S. C.
Mrs. Thad L. Harrison, 2034 Sherwood Ave., Charlotte, N. C.
J. O. Hauschild, 922 Club Drive, High Point, N. C.
Byron Haworth, Box 1551, High Point, N. C.
Mrs. J. F. Hayden, 400 E. Washington, High Point, N. C.
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Mrs. George H. Hobart, 603 W. Farriss, High Point, N. C.
Marshall Hunter, 1728 Queens Road, Charlotte, N. C.
Dorothy Hutaff, 97 Magnolia Ave., Fayetteville, N. C.
Martha Jordan, 406 Cameron Ave., Chapel Hill, N. C.
Ava Lee, 803 Patricks St., Tarboro, N. C.
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Mrs. C. D. Van Cleave, 216 Cameron Ave., Chapel Hill, N. C.

Notification of correction or change of address should be sent to:
Dr. Archie D. Shaftesbury, Editor *The Chat*, W. C., U. N. C., Greensboro, N. C.

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Greenville Bird Club: P—Miss May W. Puett; V-P—P. M. Jennes; S-T—Miss Rosa Lee Hart.

The Chat

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The Chat

BULLETIN OF CAROLINA BIRD CLUB, INC.

DR. ARCHIE D. SHAFTESBURY, *Editor*

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Cover Picture from Photograph of Oil Painting by Frank Sherrill, 1950 High School Graduate, Statesville, N. C.

Plan to Attend the C. B. C. Fall Meeting at Greenville, South Carolina, Saturday, October 14, 1950

Annual Meeting Held at Charleston

The twelfth Annual Meeting of Carolina Bird Club, held at Charleston, South Carolina, April 28-30, was well attended by members from the two Carolinas—nearly 100 members and guests attended the dinner session Saturday evening April 29th. The meeting was smoothly organized and conducted and well enjoyed by all who attended. The registration and first session were held Friday evening in the Alhambra Hall, in Mount Pleasant village which is just across the Cooper River, on U. S. highway 17, north from Charleston. President B. Rhett Chamberlain, of Charlotte, N. C., conducted the meeting and announced the field trip and meeting schedules. An exceptionally enjoyable part of Friday evening's program was the showing of some unusually beautiful moving pictures of birds by Mrs. Harry E. Duer, of Cleveland, Ohio. Description and commentary during the showing of the pictures were given by George A. Smith, of Greensboro, N. C., to whom thanks are due for persuading Mrs. Duer to bring her pictures to the meeting.

Field Trips Saturday

Two concurrent field trips were planned for Saturday, and the majority of the group, over sixty in all elected the Bulls Island trip, which was in charge of Charleston Natural History Society's President Major I. S. H. Metcalf and B. R. Chamberlain. A smaller group of about a score of birders, piloted by E. Burnham Chamberlain, Curator of Zoology at the Charleston Museum, went on a field trip to I'On Swamp region, several miles north of Charleston.

The group for Bulls Island left at about 7 A.M. from the dock at Moore's landing, 25 miles north of Charleston, and went by boat four miles or so across the Inland Waterway and through marsh channels, to Bulls Island, which is a narrow strip of land extending some six miles along the sea coast. It is a part of the 60,000 acre Cape Romain National Wildlife Refuge, maintained by the United States Fish and Wildlife Service of the Department of the Interior. The tide had dropped a little too low for our boat to reach the island dock, so the crowd disembarked by way of the marsh, and were soon on one of the island's inviting forest trails, with its beautiful pines, moss-draped live oaks, holly, magnolia, and palmettos. After a picnic lunch, more of the forest trails were investigated, and the group crossed the island to the ocean beach, where many of the birders did a bit of wading in the waves, and a few, among them

Rhett Chamberlain, Major Metcalf, and Walter Adams, of Asheville, N. C., took a dip in the breakers. An obliging dozen Brown Pelicans put on a "follow the leader" parade. Several kinds of warblers were seen during the day, but what perhaps attracted most attention and observation were Painted Buntings, which were "firsts" for many of the observers in this group. Among other interesting finds were Bald Eagles and a flight of Wood Ibises, and some observers were lucky enough to see a Wild Turkey. Numerous American and Snowy Egrets, Oyster Catchers, Hudsonian Curlews, Greater and Lesser Yellow-legs, Dowitchers and various other shore birds were seen on the boat trip through the marshes. Much of the spare time between watching birds was devoted to searching for and removing specimens of the region's widely known ectoparasites, *Amblyomma americanum*, but fortunately for most, the ticks were more annoying by their presence than by their bites. Several of the members making this trip had been to the Island before, and more of those there this time hope to make the trip again.

Following is a list of C.B.C. members and guests on this trip to Bulls Island: Walter Adams, and R. H. Rembert, Asheville, N. C.; Mr. and Mrs. Al Blumenthal, Miss Inez Coldwell, Dr. Charlotte Dawley, Miss Virginia Harrison, Mr. and Mrs. Hugh L. Medford, and Hugh L. Medford, Jr., Dr. and Mrs. Archie D. Shaftesbury, Mr. and Mrs. George A. Smith, Mr. and Mrs. Murray Tate, and Dr. and Mrs. Wesley Taylor, Greensboro, N. C.; Mrs. J. T. Buxton and Mrs. Lyman Quincy, Sumter, S. C.; Mr. and Mrs. B. R. Chamberlain, Matthews, N. C.; J. Weston Clinard, Hickory, N. C.; Miss Sophie Dabbs, and Mrs. Walter Thompson, Mayesville, S. C.; Harry Davis, Mrs. R. L. Deaton, Mrs. Charlotte Hilton Green, Mrs. Mary Guy, Mrs. M. B. Koonce, Frank B. Meacham, Mr. and Mrs. Robert Overing, Miss Virginia Pickell, Miss Barnett Spratt, Miss Margaret Watson, Mrs. J. B. Whitener, and Dr. David Wray, Raleigh, N. C.; Miss Gladys Hart and Miss Rosalee Hart, Travelers Rest, S. C.; Mr. and Mrs. Charles Lovin, Mrs. Fred May, and Mrs. C. S. Warren, Lenoir, N. C.; Mr. and Mrs. James Mattocks, and James Mattocks, Jr., High Point, N. C.; Maj. I. S. H. Metcalf, A. Carrare Robertson, Mrs. A. C. Robertson, and Thomas Uzzell, Charleston, S. C.; Mrs. R. A. Myers, Mr. and Mrs. Harry C. Northrop, Miss Laura Owens, and Miss Esther Springs, Charlotte, N. C.; Miss May Puett, Spartanburg, S. C.; Mrs. Harry Orr; Mr. and Mrs. Henry D. Salter, Walterboro, S. C.; Mr. James H. Sanders, Gaffney, S. C.; and Mrs. H. E. Duer, Cleveland, Ohio.

The field trip to I'On Swamp, led by E. Burnham Chamberlain, went particularly in search of one of the rarest North America's song birds, Bachman's Warbler, which was not seen again in the Charleston region for 48 years after its original discovery there, by Dr. John Bachman, in 1833, and has been seen but few times anywhere. Most of the following group which made this trip were lucky enough to see one of these warblers, besides observing other interesting bird species: Mrs. Cecil Appleberry, Wilmington, N. C.; Gilbert Bristow, Mrs. Margaret Y. Gibbons, Hallie Overton, Fred Sample, and Mrs. Clyde Sisson, Columbia, S. C.; Gabriel Cannon, Harold Correll, and Dr. W. P. Walker, Spartanburg, S. C.; Mr. and Mrs. E. B. Chamberlain, Julian Harrison, Louis Parker, John Quinby, Mrs. Anne W. Richardson, Newton Seebeck, and Ellison A. Williams, Charleston, S. C.; Norman Chamberlain, Matthews, N. C.; Mrs. W. H. Faver, Eastover, S. C.; and Mr. and Mrs. R. T. Greer, Lenoir, N. C.

Dinner Meeting Saturday Evening at Mt. Pleasant

President B. Rhett Chamberlain was in charge of the dinner meeting which was held Saturday evening at the Alhambra Hall in Mt. Pleasant. Honor guests at this meeting were Mrs. H. H. Brimley, Raleigh, N. C., whose husband, the late H. H. Brimley, was one of the authors of both editions of *Birds of North Carolina*; and Mrs. Arthur T. Wayne, Mt. Pleasant, S. C., whose husband the late Arthur T. Wayne, was the author of *Birds of South Carolina*, which, published in 1910, was

the first state bird book produced in the southeastern states. On behalf of the Executive Committee, Club Treasurer Robert Overing presented to President Chamberlain a nice pocket magnifier. Major Metcalf introduced the guest speaker, Harold S. Reeves, a native Charlestonian, who gave a delightful talk on "The Speech of Charleston."

At the meeting Saturday evening, Miss Margaret Watson, Raleigh, N. C., presented colored moving pictures and told of the work of the National Audubon Society's summer Nature Camp, at Medomac, Maine, and there was on exhibit a collection of bird's nests, sent by Miss Genevieve Moore, Aberdeen, N. C. A special "Tick Picker's Medal" was presented to Mrs. Lyman Quincy, Sumter, S. C., for the removal of the greatest number of ticks—125—from Bulls Island. Major Metcalf proved too modest to accept the specially designed Water Ouzel decoration for his diving and recovering a pair of binoculars accidentally dropped overboard at the Island dock. Ellison Williams was given serious commendation for his observations of Bachman's Warbler. Others not previously listed, who attended were: Harold S. Reeves, Mrs. Helen Potter, Marvin D. Richardson, and Mrs. I. S. H. Metcalf, Charleston, S. C.; and M. L. Church, Charlotte, N. C.

Sunday morning, April 30th, the early risers went on more or less informal field trips along marshes and seashore. Five members, Mrs. Charlotte Hilton Green, B. R. Chamberlain, Robert Overing, Archie D. Shaftesbury, and Thomas Uzzell, Jr., piloted by Uzzell who has seen Bachman's Warblers several times during the past few years, made a trip to the I'On Swamp region and were able to get good views of a singing male Bachman's Warbler, and, on the return trip, saw several White Ibises, including one young (flying) in its mottled plumage.

Business Meeting Held at Charleston Museum

MRS. MARGARET Y. WALL
Newly Elected President C. B. C.

The business meeting, held in the lecture hall of the Charleston Museum, was called to order by President Rhett Chamberlain at 10:00 o'clock Sunday morning with the announcement that the election of officers and other important items would be handled first in order to excuse those who planned to attend church services. Treasurer Robert Overing presented his annual report which will be published in *The Chat*. Nominating Committee Chairman, Mrs. Robert Overing, presented her committee's list of nominees, and, with Mrs. Charlotte Hilton Green acting as temporary chairman, the following officers were elected: President, Mrs. Margaret Y. Wall, Greensboro, N. C.; Vice-Presidents, B. R. Chamberlain, Matthews, N. C., Miss May Puett, Greenville, S. C., J. W. E. Joyner, Rocky Mount, N. C.; Secretary, Mrs. Mary Guy, Raleigh, N. C.; Treasurer, Robert Overing, Raleigh, N. C.; Editor of *The Chat*, Dr. Archie D. Shaftesbury, Greensboro, N. C.; Members at Large of the Executive Committee, P. M. Jenness, Greenville, S. C., E. B. Chamberlain, Charleston, S. C., Mrs. Mary S. McLaurin, Washington, N. C., and R. H. Rembert, Asheville, N. C.

Several changes in club regulations were discussed and the following were approved at the business meeting: (1) Beginning next year, the three Vice-Presidents

shall be elected for 1, 2, and 3 years respectively, to insure the carry-over of at least two officers each year; (2) that the editor of *The Chat* be appointed by the Executive Committee rather than elected by the membership; (3) that annual dues remain the same for individuals with the additional provision for a family membership of three dollars ($3.00) for immediate family and dependent children, and receive one copy of *The Chat*. The following were also considered: (1) That the officers, except Editor, be elected for a minimum term of two years; (2) That a dual slate of nominees for office be presented at future elections; (3) That elections be conducted by mailed ballots; and (4) That a child's page be instituted in *The Chat* at this time, but these were voted down.

Robert Overing reported that Carl Buchheister, Vice-President of the National Audubon Society, has considered the advisability of establishing an Audubon Nature Camp in the Carolinas, and a motion carried that the Club notify the National Audubon Society that we feel that there is an urgent need for such a nature training center in the Carolinas and urge the serious consideration of the matter by their Camp Committee.

A check showed that a total of 112 species of birds were observed during the week-end field trips.

Following Sunday morning's meeting at the Charleston Museum, the members enjoyed an excellent exhibit of bird paintings by the Charleston artist, Mrs. Anne Richardson.

Thanks are due to the Charleston Club and to the Charleston Museum officials for making possible this excellent meeting. The local arrangements for the meeting were headed up by E. B. Chamberlain and Robert Coleman. Due to the death of Mrs. Coleman's father, Mr. Coleman was unable to attend the meeting, and Major Metcalf took over his duties.

MEET VIRGIL KELLY

Virgil Kelly, a supporting member of the Carolina Bird Club of Fayetteville, N. C., has one of the finest collections of bird eggs in the South. They are on display at his home in cedar show cases effectively illuminated with fluorescent lighting.

Mr. Kelly began taking notes on bird nests in 1914. He began his present collection of bird eggs in 1922. His interest in this field began with close association with Henry Rankin, Sr. Later, the Brimleys of Raleigh became Kelly's fast friends through correspondence, though he never met them, and "C. S." assisted in securing the necessary Federal collector's permit for him.

Eighty-three species of birds are represented in the collection. All eggs were personally collected by Kelly in Eastern North Carolina, mostly in the counties of Chatham, Cumberland, Wake, Carteret, Pender, Brunswick, Robeson, and Harnett. He tries to secure four clutches of eggs for each species. Eggs of the same species vary greatly in size, shape, and color.

One of the rarest sets in the collection is that of the Swainson's Warbler, collected in Robeson County. The largest egg is that of the Black Vulture, the smallest that of the Ruby-throated Hummingbird. The earliest record is of Great Horned Owl eggs found in Cumberland County on January 30, 1949. The latest record, Black Skimmer eggs found in Brunswick County on August 5, 1928. Kelly said he has found eggs of the Bobwhite, Carolina Wren, and Mourning Dove later than August 5, but he did not collect them.

Kelly said that collecting woodpecker eggs is more of a problem than collecting eggs of most other species because the bird begins incubating each egg as it is laid, and by the time the clutch is complete the embryo of the first egg laid is almost too

advanced to be removed properly from the shell. The Red-cockaded Woodpecker apparently is an exception, as all eggs in a clutch are equally developed, Kelly believes.

Kelly pierces the eggs with a needle, enlarges the hole with dentists' drills, and blows out the contents with a metal blow pipe. He washes out the shells, and writes with ink on each egg the AOU number, the year collected, the number of the set and the number of eggs in the set. He keeps meticulous card records, also.

In the collection are Pileated Woodpecker eggs from Cumberland and Bladen Counties, Red-tailed Hawk eggs from a nest 80 feet high in a pine tree, Kingfisher and Rough-winged Swallow eggs from holes in banks, eggs of the Bachman Sparrow, the Oyster-Catcher, the Woodcock.

Mr. Kelly and his gracious wife delight in showing and describing the collection to all who visit the beautiful home on Maple Avenue, in Fayetteville. Mrs. Kelly's favorite is a Boat-tailed Grackle's egg which has markings on it greatly resembling a fan dancer. Once, Kelly was struck by what he thought was a snake, but which turned out to be a Bobwhite near its nest. He said that frequently he has heard unhatched birds of the larger species, such as hawks, calling from within the unbroken shells, when he is climbing a tree to the nest. And one time a Least Tern hatched out in his room from an egg he was intending to prepare for his collection!

ROBERT OVERING, Raleigh, N. C.

Bird House Project

The following editorial from a recent issue of *The Hickory* (N. C.) *Record* will doubtless be of interest to many C. B. C. members.

"For almost two decades the editor of The Record has watched with deep interest the bird house project which is annually revived and brought to triumphant success about this time of year.

"Yesterday, a beautifully built bird house was received at The Record office, with the following note attached:

> This bird house was built by Joe Eggers, Sixth grade student of the Brookford School. It was made from a plan in "Boy Bird House Architecture," by Leon H. Baxter. It is a Nuthatch box, but we believe it might be used by a Downy Woodpecker, Titmouse, or Carolina Wren.
>
> BROOKFORD SCHOOL STUDENTS

"We hope readers will pardon us for injecting a personal angle into this editorial, but to us the letter seems highly important because it illustrates how class work can be dovetailed into a continuing program in which an entire community is helped by a project that serves to excite school-wide interest.

"Twenty years or more ago, when Mrs. J. W. Clinard, principal at Brookford School, first adopted the bird house project, many of the children were not appreciative of birds. Consequently, nests were being destroyed and slingshots used effectively in decimating the bird population of the community.

"Mrs. John D. Brooks, of the Brookford School faculty, has been largely responsible for the extraordinary success that has marked the continuing bird house-building activities among boys of that community. She and Mrs. Clinard are today just as enthusiastic in their treatment of the project as when they started it. In the intervening years scores of their former students, now grown men and women, gladly testify to the lasting value of this type of school work.

"No boy who has ever studied the habits of birds and built houses for feathered friends will ever again be a party to the destruction of nests or the killing of birds.

Furthermore, it has been repeatedly demonstrated that the stimulation of interest in birds and their habits, makes one more conscious and appreciative of the beauties of nature."

Bird Photography

Hugh Medford, Jr., Greensboro, N. C.

May and June are the months to really go in for bird photography in the South. Practically all of the birds either have eggs or young in the nest, and the nest is the most desirable place to photograph most birds, because a bird will return to its nest several times an hour. A bird blind is necessary to photograph most birds on the nest. A very suitable blind is the "Umbrella Blind" by Dr. F. M. Chapman, described in his book, *Camps and Cruises of an Ornithologist* (1907). The blind consists of a sign umbrella, leaf green in color with the side's burlap dyed green, and four young saplings or old pipe 7 feet in length. The burlap is sewed in a strip six feet wide and slightly longer than the circumference of the open umbrella. The burlap has a draw string in the top. To assemble the blind the four saplings or pipes are driven in the ground to form a square. The umbrella is placed on top of these four stakes, and after this the burlap is put on like a skirt and the draw string pulled tight over the top. Thus the blind is complete.

Another suitable blind is merely a pup tent which is very handy for photography when the nest is on the ground and winds are likely to turn over a tall blind. When this blind is pitched, it is advisable to pitch it without the use of the center pole by the use of two poles placed along the outside edge of the tent; also use two guy ropes as one center rope may spoil many a perfect picture.

"The Blind de Luxe," invented by G. A. Bailey to soothe his frozen limbs and described by him in *Bird Lore* for November-December, 1922, as "a small house on wheels so constructed that it can be drawn behind a car or wagon." This blind has its advantages for one who must have comfort, but due to its weight of several hundred pounds, it cannot be carried far without a crew of several men, and is not easily transported over fences or ditches. It consists of a small house measuring about 5 x 5 by 7 feet tall. The frame is built of 2 x 2's and covered with composition board, a door at one end and a window at the other.

Since many nests are so far above the ground, a scaffolding must sometimes be used on a tripod with a box on the end of it big enough to conceal the camera, or it may be possible to attach it to a nearby limb. This, however, should be left for a few days before any pictures are attempted. The camera must then be worked by a wire, string or electrical device. The photographer must remember that in the most cases he must conceal himself. When he does this, he must place his blind so that he can see what the camera is going to include in the picture.

The use of a blind is far more important than the details of its construction. Birds soon become accustomed to any inanimate object, no matter how conspicuous or large, but they do not tolerate sudden changes of any kind. The blind should not be suddenly set down at arm's length from the bird's nest, but should be left a dozen paces away for a while, then slowly moved in a few feet at a time until it is at its desired spot. It is best to leave the blind in position for a day before attempting any photographing so as to permit the birds to become used to it. Also, no branches

should be bent away or cut for a few days as some birds will leave the nest if too much is done in too short a time.

When you get ready to use your blind, it is advisable to get a confederate to go to the blind with you, put you in the blind and leave. This will be found to be a great time saver for many birds no matter how accustomed they may be to the blind, if they see you enter it, they will wait a long time for you to come out again before forgetting about you and proceeding to their nests in a natural, undisturbed fashion. If two persons enter the blind and one goes away, however, the bird is perfectly satisfied and loses his fear as soon as the confederate has retired to a proper distance. The slightest motion from within the blind will greatly alarm some birds so that one must be careful to make all the necessary adjustments before his accomplice leaves. One using a camera should equip it with a lens hood so that any adjustments of the shutter or diaphragm that are necessary will not expose the fingers. The lens hood need be merely a square of cardboard the size of the opening in the blind with a hole cut in it into which the lens fits snugly, but it is better if a circlet of cardboard one-half inch wide be glued around the hole so that when the lens fits into the circlet it will set back from the cardboard. This makes the lens inconspicuous and gives more room for the fingers when manipulating the shutter. a Small mirror will enable one to see the dial on his shutter and diaphragm from behind and enable him to make any changes desired without turning the camera.

A background must be considered. The best background is a light gray. It should be placed far enough back so that it will not be in focus. One must be careful when he places his blind at a nest or feeding station so as to get the sun at his back during the hours he wishes to photograph. If the camera is placed at a 45° angle to the nest, the least distortion will result. If one knows in advance just where the bird will alight, the camera should be focused on that point, but in the case of nesting birds, one cannot always know whether it will come from the front, side, or back, and he may want all parts to be in focus. If such be the case, he should focus near the front of the nest and shut down the lens diaphragm until both the back and front are sharp. This will necessitate greatly lengthening the exposure which, owing to the activity of the bird, may not always be possible. In photographing nest and eggs on a bright day, it is usually most satisfactory to close the diaphragm to a small aperture, throw a shadow over the whole nest to get uniform light and give a long exposure. This is sometimes possible with incubating birds also, but more often one has to content himself with a short exposure and use the lens more or less wide open with resulting loss of "depth of focus."

Many naturalists like best a camera taking a 4″ x 5″ negative and equipped with a double extension bellows. In a camera of this size a lens with a focal length of 10″ and a maximum opening of F4.5 is very useful. Lenses with a longer focal length act as telephoto lenses and give larger images. In ordinary field photography, when a blind is not used, a long focal length has great advantages. The chief disadvantage of the 4″ x 5″ size is that it is very heavy and tiring to carry. The 2½″ x 3½″ is less taxing on the arms.

Because of the unwieldy size of the big camera, the miniature type was invented. The Leica and the Contax are familiar examples. Most of these Cameras are quite expensive and are of little use in bird work unless equipped with a 135mm (6″) or longer lens. It is easy to use equipment of this type. The main disadvantage is that the very small film surface makes it hard to get the best quality in enlargements. Some long focus lenses do not allow as close an approach to objects as might be

desired, so unless especially equipped, the miniature type camera is often better for large birds than for small birds.

Flash equipment, synchronized for daytime use has been used by a few nature photographers to great advantage. By setting the flash off within 3 or 4 feet of the bird, the lens can be stopped down as far as F22 or F32 or even F45 depending on the size of the bulb used. This assures extreme "depth of focus" as well as adequate exposure. The distance between the flash and the subject should be measured fairly carefully as the light diminishes very rapidly with distance. One would think that a flash of light set off in a bird's face would shock it out of its wits, but this dies not seem to be the case. Some birds at feeding stations continue eating as if nothing happened. Even birds at the nest seem to be frightened more by the sudden click of the shutter than by the flash. After all, they are probably accustomed to blinding flashes of lightning during summer storms. The flash technique solves the problem of photographing birds on cloudy days, and in the dense shade of woodlands. It also eliminates the necessity of subjecting nest and eggs to the glare of the hot sun while waiting for the parent to return. For most small birds a minimum shutter speed of 1/200th of a second should be used as otherwise there is likely to be some movement.

Pictures of flying birds are most easily taken with a reflex type camera where the bird can be followed in the ground glass and focused upon up to the moment of exposure. In the miniature type camera focusing is accomplished through a small range finder in which a double image appears. When the two images coincide the focus is sharp. One excellent way of taking "wing shots" with this equipment is not to adjust the focus while following the bird, but to set it at an arbitrary distance and then follow the bird through the range finder. The moment the two birds join together to make one in the range finder, the picture is snapped. Some photographers, in taking flight shots with a miniature camera and a long lens, determine an approximate point where the birds should pass, focus upon it and then use the view finder to take the picture. Flight shots should be taken for the most part at speeds of 1/500th of a second or even higher if the light and film speed will permit. The faster films, however, are likely to be grainy unless a fine-grain developer is used. Herring Gulls, Herons and other slow fliers can often be stopped with an exposure of 1/200th of a second.

In closing I would like to say no matter how technically perfect a picture is, it is of no value to an ornithologist unless it is suggestive of the bird.

Summary of Treasurer's Statement, April 23, 1950

Balance brought forward, May 22, 1949	$ 755.57
Amount received to April 23, 1950	982.50
Total	$1,738.07
Disbursements	654.78
Balance on hand April 25, 1950	$1,083.29

(In this balance are special funds to the total of $555.75, which leaves a total of $527.54 now available for 1950-1951.)

Robert Overing, Treasurer Carolina Bird Club.

Our Chimney Swift

"The swallows returned today to Capistrano, on this date for the 108th successive year." This came to me today, March 18th, 1950, over my radio, and while I am just a little skeptical regarding these birds arriving on *precisely* the same day year after year to plaster their mud bottle nests against the ruined walls of the centuries old California mission, I am reminded of the arrival each spring of our own Chimney Swifts, which are often miscalled Chimney "Swallows," though not even distantly related to the swallows. Where our Chimney Swifts spent their winters was long a mystery to bird students. Audubon said, "wintering range unknown." Our Brimleys, as recent as 1942, said, "winter in northern South America."

Our Carolina Indians held the legend that the swifts hibernated in sheltered mud along streams. The March, 1945 issue of "*The Chat*" reveals the solution of this mystery, reporting that 13 leg bands from killed Chimney Swifts had been brought by natives from northeastern Peru to the coastal authorities who sent these leg bands to the U. S. Fish and Wildlife Service in Washington, D. C., and the bands were identified as authentic bands from Chimney Swifts banded, with some 300,000 others in seven of our states from Alabama north to far off Ontario, Canada.

We Carolinians have no Capistrano, we lack hollow trees, but we do possess many chimneys, cold in summer for our Swifts' nesting and roosting, with ample flying insect food; and we rejoice that this interesting bird comes to us from Peru as a welcome Summer nesting visitor, arriving in late March and early April.

Your Chimney Swift is 5½ inches long, has scimiter shaped wings with 12 inch spread, a stubby tail of quills used as a brace as he perches vertically on a wall or chimney interior. Both sexes are sooty brown, erratic in flight as they glide, soar and dart in catching their food of flying insects. Mom Swift's nest is shaped like a half saucer, of twigs broken off by her feet in flight, cemented together and attached to a vertical surface with a glutinous saliva from her mouth.

Watch your Swifts this Summer. You will be captivated. We enjoyed last August hundreds of Swifts at approaching twilight circling, darting down into a 200 foot high brick smoke stack at an unused tobacco leaf drying plant, and into the cold chimneys of our 80-year-old church, both these roosting places being in the center of the business section of our city.

Can we encourage the Swifts to nest with us, no not on your life; BUT we have ample chimneys and the needed food, and we protect our birds. Dr. Gilbert Pearson told me ten years ago when we were consulting him regarding, "Reynolda," our first bird sanctuary: "All man can do to make a bird sanctuary is to furnish the shelter and protection and the birds will do the rest." We wonder if that genial, wise, helpful ornithologist had chimneys in mind. HENRY MAGIE, Winston-Salem, N. C.

AUDUBON'S BIRDS OF AMERICA—in a new handy sized popular edition, with 288 full page, 4-color plates is announced by The Macmillan Co., 60 Fifth Ave., New York 11, N. Y. The size is small, 5x8½ inches, but so is the price, $2.95, so many bird lovers will want a copy for themselves or for a gift . . . And while we are mentioning books, a notice from the American Garden Guild, 444 Madison Ave., New York 22, N. Y., announced a reprinting of the old "Birds of America," 8¼x11¼ inches, for $5.95. Bird students criticize it because some of it, especially terminology, is out of date, but there are well over 100 full color plates, from paintings by Louis Agassiz Fuertes, for the original "Birds of New York."

Field Notes and News

CEDAR WAXWINGS FLY TO DEATH AGAINST WINDOW. Ten Cedar Waxwings fell dead when a flock of about 25 flew against a window of Bynum Hall on the campus of the University of North Carolina, at Chapel Hill. (May 6, 1950) PHILLIPS RUSSELL.

ALBINO JUNCO AT SUMTER, S. C.: On March 8th, Mrs. Wm. Faver and I watched an albino Slate-colored Junco in the garden of Mrs. Lewis Buxton, in Sumter, S. C. It was completely white except for a fleck of black here and there, and its bill, legs, and feet were pink. It was feeding with a flock of normal plumaged Juncos. MRS. CLYDE SISSON, Columbia, S. C.

BIRDS NEED WATER—If you live in town do you know where a bird may find good drinking water, or a clean bath? Water is just as important as food, and it must be clean. See that the bird bath is cleaned every few days. A good, well placed bath will usually bring all the birds in the neighborhood. The best location is in the open, about three feet above the ground. This gives the birds a chance to see cats or snakes and so feel safe. A small dripping fountain flow of water will attract warblers particularly. Particular attention should be paid to supplying water to the birds during freezing weather. WESLEY TAYLOR.

WEST COLUMBIA, S. C.: On April 18th, I had the pleasure of seeing three young Killdeers which H. M. Manus had located just off U. S. Highway 1, near Six-Mile Creek, in Lexington County, S. C. The fact that the incubation period is about 24 or 25 days would mean that the parents of these birds began nesting near the middle of March. This early breeding date might be of interest, since according to *Birds of North Carolina*, (1942) April, May, and June are the breeding months of the Killdeer. Ove F. Jensen photographed a Killdeer's nest and four eggs (*The Chat*, 1948, vol. XII, no. 3, p. 53), which he discovered on March 15th, 1948 in a field near Chapel Hill, N. C.

MRS. G. E. CHARLES.

LENOIR, N. C.: On the afternoon of March 31, in a short time I observed 16 species of birds at the feeder outside our window, including: Mourning Dove (2), Hairy Woodpecker, Carolina Chickadee, Tufted Titmouse, Carolina Wren, Mockingbird, Brown Thrasher, Robin, Starling, Myrtle Warbler (one has been here all winter), English Sparrow (we have very few, this was the first I had seen in weeks), Purple Grackle (first I had seen this year), Cardinal, Towhee, White-throated Sparrow, and Song Sparrow. On Mar. 6th, Purple Finches were seen at the bird bath, the same date as 1949. The first Brown Thrasher was seen on March 30th, and Hermit Thrushes are still here (April 1).

MRS. CHARLES E. LOVIN.

POSSIBLE BREWSTER'S WARBLER OBSERVED AT GREENSBORO, N. C.: At 1:00 P.M., May 1st, with weather bright and clear, I observed this bird for from 5 to 8 minutes while it was feeding in hickory and oak trees, adjacent to a wooded section, at my home in Greensboro, N. C. I made a mental note of the markings and found they checked with Peterson's description of Brewster's Warbler, which was formerly regarded as a distinct species but is now known to be a hybrid from

a cross of Golden-winged and Blue-winged Warblers. I do not believe that the bird which I saw was a female of another species as markings were too brilliant. Outstanding were golden or yellow wing coloration, white underparts and yellow shoulder, with black eye line. No call or song was noted.

HAL STRICKLAND.

FLORIDA GALLINULE FOUND DEAD AT GREENSBORO, N. C.—On May 17th some of my fifth grade students reported seeing a dead bird near Freeman's Mill Road, just inside the Greensboro city limits. After it was brought in the bird was examined by Dr. A. D. Shaftesbury and proved to be a Florida Gallinule. There was no apparent injury, though the bird seemed emaciated.

EMMA LEAH PERRETT.

PARTIAL ALBINO WHITE-THROATED SPARROW AT SPARTANBURG, S. C.: On the afternoon of April 12th, while sitting with my wife and daughter on the back lawn of our home, within 40 feet of the spot where our usual scattered grain had attracted a couple of dozens of birds, including some Starlings, Purple Grackle, Cardinals, and several sparrows, including six or eight White-throats, my daughter called my attention to a bird with a white head. Through my binoculars it proved to be an albino White-throated Sparrow, which was quite a thrill for me to see. The bird's throat, neck, and head were perfectly white, with a few specks of black on the top of the head, and a fairly large white spot in the middle of the back. It had the usual yellow spots between the bill and eyes.

HAROLD E. CORRELL, Spartanburg, S. C.

HOW EARLY DO BLUEBIRDS NEST IN NORTH CAROLINA? I have what, for this locality is an early nesting record for Bluebirds, and would like some comparative records to see just how early it is. On March 28, 1950, I found young birds large enough to make a great clamor in the nesting box. I had not noticed them sooner since it was cold and I hadn't been out very much.

MRS. FLORENCE H. ROBINSON, Southern Pines, N. C.

(In *Birds of North Carolina*, 1942, p. 275, the earliest North Carolina nesting date mentioned for Bluebirds was reported from Greensboro by J. H. Armfield, who found Bluebird eggs "as early as April 5." At Greensboro, some Bluebirds select their nesting sites in late autumn, so it seems possible some may begin nesting in March, especially in the years when spring "opens" early. Wonder if Dr. D. L. Wray or other C.B.C. members have such records.—A.D.S.)

STICK GATHERING TECHINQUE OF THE OSPREY.—During the late afternoon of June 19, 1948, while sitting in a blind at a roost of Common and Fish Crows, I witnessed one method used by an Osprey to gather material for its nest. It is common knowledge that an Osprey seldom alights on the ground and usually will not attempt to pick up a fish that it has dropped, so I had always assumed that they lit in a tree and broke off the desired branch with its beak and carried it to the site of the nest. However, I was watching an Osprey through my glasses when it seemed to land in a dead tree about one hundred yards away, and I was surprised when it seemed that it was going to try to perch on a small branch in the top of the tree. The branch broke almost immediately when the bird grasped it and was carried off in the direction of a large nest in its claws. This action was repeated two more times during the afternoon, but on the third attempt the branch it had chosen did not break immediately, so the bird strained upward, beating its wings furiously until the branch parted. This was the last branch it gathered from this tree, although

it circled over the field for nearly an hour, calling continuously until finally joined by another Osprey, presumably its mate. Both birds then flew off toward the nest.

JOHN B. FUNDERBURG, Wilmington, N. C.

SHRIKES MAKE NEWSPAPER HEADLINES: About the middle of April, numerous daily newspapers carried the story of a snake-festooned tree in the yard of Jesse Haltom at Troy, Montgomery County, N. C. Crowds of curious and incredulous people from many parts of the state trampled Haltom's hedge and strawberry patch to get a look at the trees which were decorated with twenty-one snakes, and also a lizard and a mouse. For a time no one seemed to know the perpetrator of the phenomenon, and it was stated that the Troy Fire Chief planned to place a truck near the snake tree and play the light on it all night to "find out who or what might be doing the decorating." Real light was shed on the mystery when Miss Mary L. Small, Greensboro bookkeeper, reported to the *Greensboro News* that two snakes were impaled on the thorns of a locust tree across the street from her office. Miss Small stated that this was the work of a Shrike or Butcher Bird, and added that Shrikes had been hanging up snakes and mice and lizards on that tree for years, "just like a butcher hangs up a carcass on a meat hook." Though Shrikes have hooked beaks, they do not have clawed talons, so, unlike usual birds of prey, they cannot tear their food apart with beak and feet. Smaller prey, as grasshoppers, which make up much of their diet, is usually wedged in a crotch while it is being torn up, but larger victims are impaled on a thorny tree or barbed wire fence. Unused food, as snakes, small birds (commonly minus their heads), and even pieces of bread may be left hanging and eaten a few days later, though sometimes the "stored" food is abandoned. Recently (May 6th), Phillips Russell reported seeing near Burlington, N. C., a Shrike fly across the highway carrying a limp bird, apparently an English Sparrow, which was so heavy the Shrike had to alight and take a fresh hold. Until I heard a Shrike sing (*The Chat*, vol. VIII, no. 5, p. 79), I had assumed that the name French Mockingbird, that is given them in some localities, might be due to their resemblance in size and color to Mockingbirds. The song, though coarser, sounds somewhat like a Mockingbird or Catbird.—A. D. S.

(Small snake impaled on Locust tree thorn, Greensboro, N. C., April 16, 1950. Photo courtesy of *Greensboro News*.)

BALTIMORE ORIOLES WINTER IN NORTH CAROLINA: In November, 1949, Misses Aline and Ida Mitchell reported the arrival of a female Baltimore Oriole, at their home at 1005 Eugene Street, Greensboro, N. C. It was joined at the feeding trays about a month later by a male Baltimore Oriole. The two left just before Easter, this spring, after having been annoyed several weeks by a Mockingbird. During the winter Baltimore Orioles were reported at other feeding stations in Greensboro, by C. A. Holland on Beechwood Street, by Mr. and Mrs. Ray A. Young on West Lake Drive, and by other observers, most of them at considerable distance from the Mitchell home, but it was not determined whether or not these were birds from the pair seen in the region of the Mitchell home. A male Baltimore Oriole was seen at the Mitchell home many times during the

previous winter (*The Chat*, 1949, vol. XIII, p. 50.) From Raleigh, N. C., comes the report that three Baltimore Orioles which were observed at a feeding station at the home of Dr. and Mrs. B. W. Wells from early in February, 1950, to well in April. A.D.S.

SWAINSON'S WARBLER AT BLOWING ROCK, N. C.: On June 11, 1949, I saw a Swainson's Warbler at Blowing Rock, N. C. The bird was unafraid, and I watched it for fully half an hour, often at distances as close as 4 and five feet, as it flitted about in a rhododendron thicket. (A little over a year earlier, on April 24th, 1948, at Airlee Gardens, Wilmington, N. C., I had seen two of these warblers, which were observed and identified by E. B. Chamberlain and several other C.B.C. members, on the Club's spring field trip.)

Mrs. Floyd Hugh Craft, Greensboro, N. C.

WARD'S HERON CAPTURES AND SWALLOWS WHARF RAT—At this Gulf Coast town there is a fish house on a dock over the water, where fish are cleaned and packed for shipment or for local sale. The gurry is dropped into the water under the dock, and attracts numbers of pelicans and gulls that are in constant competition for the scraps, and have little fear of man. There is also a Ward's Heron, sub-species of the Great Blue Heron, which hangs around the fish dock. Today I noticed this heron standing in some thick grass, above high tide mark. Suddenly this bird struck and came up with a good sized wharf rat in his bill. It had the rat by the hind leg and the rat was trying to bite the bird's beak. From a distance of about fifty feet, I watched to see how the heron would solve its problem. Apparently he realized that if he changed his hold on the rat, the rat would escape. After a little while, the heron walked down into the water, and held the rat under water for a few seconds. When brought up, the rat was still struggling, and it was put under the water again. But the rat still moved when brought up again, so the bird put it under the water a third time. By this time the rat was completely limp and the heron proceeded to swallow it.

On this same bay, I once saw a Florida Cormorant trying to swallow a small snake, about 20 inches long. Every time the cormorant would get part of the snake swallowed, the other end would wrap around the cormorant's neck, apparenty choking the bird so that it would have to loose its hold. Then the bird would start with the other end of the snake, and the same thing would happen again. I never learned which finally won out finally, though I watched for quite a while. Being in a motor boat, I had to leave before the matter was settled. It is not unusual to see land snakes swimming from one island to another, along this coast.

(Dunedin, Fla., Feb. 23, 1950.) G. H. Holmes, Tryon, N. C.

WILMINGTON, N. C.—*Some winter season records*, Dec. 1, 1949-April 1, 1950. This year our bird population has been as variable as the weather. There were more Ring-necked Ducks than we have ever observed before, but fewer Scaup and Horned Grebes than usual, and more Red-breasted Nuthatches than we ever remember. Chipping Sparrows were fewer. (Could DDT have anything to do with this?) The Purple Sandpipers and European Widgeon left early, possibly on account of the hot weather. Pied-billed Grebes, which have been unusually abundant all winter, are now gathering in groups (Mar. 25) *Anhinga*, Mar. 8, 1 (we are trying to see if they winter); *European Widgeon*, arrived Dec. 6, last seen Feb. 5; *Blue-winged Teal*, Mar. 24, 2 pair on Greenfield Lake; *Oystercatcher*, Jan. 26, 1 pr. mating, Wrightsville Beach; *Piping Plover*, 3 here all winter, 7 seen Mar. 24; *Wilson's Plover*, Mar. 21, 4; *Knot*, 19 seen off and on all winter, last seen Feb. 15, may still be here; *Purple Sandpiper*, arrived Oct. 3, last seen Jan. 7;

Pectoral Sandpiper, Mar. 21, 3; *Purple Martins*, arrived. Mar. 1; *White-eyed Vireo* Feb. 1, 3 seen singing; *Parula Warbler*, first seen Mar. 24; *Yellow-throated Warbler*, Mar. 24, 15 or more; *Dickcissel*, male at Claude McAllister's feeder; *Bachman's Sparrow*, observed all winter, but have not started singing (Mar. 25). The Blue Goose first observed Oct. 26, 1949 (cf. *The Chat*, vol. XIV, no. 1, 1950, P. 11), is still at Smith's Dairy. It can fly but does not leave. Its head is quite white now.

WILMINGTON NATURAL SCIENCE CLUB, *Edna Lanier Appleberry*, Compiler.

YELLOW-BREASTED CHAT WINTERS IN SOUTH CAROLINA: On December 26, 1949, Mr. and Mrs. Charles Eastman first observed a Yellow-breasted Chat which remained all winter at their home in Eau Claire, North Columbia, and was seen almost daily through April 16th. The Chat ate along with other birds, and seemed to prefer cracked pecans, thought it ate bread crumbs and apples, and drank quantities of water. It remained silent, but, contrary to the books, it was not at all shy. Though the Chat is a common summer resident throughout South Carolina, *South Carolina Bird Life* (1949, p. 483) lists but one winter record.

MRS. CLYDE SISSON, Columbia Natural History Society, Columbia, S. C.

In Memoriam

GEORGE HAMILTON HOLMES, 1872-1950
MARIE ALLEN WALKER HOLMES, 1875-1950

Members of Carolina Bird Club were saddened to learn of the passing of Mr. and Mrs. George H. Holmes, which occurred April 17th as the result of an automobile collision at Bethany Crossroads, near York, South Carolina.

George Hamilton Holmes was born at Birmingham, England, Dec. 2, 1872, and at the age of 9 years he came to the United States *via* Canada, settling near Brevard, N. C., with his parents, Mr. and Mrs. John Simcox Holmes. He was a graduate in Civil Engineering from the University of Tennessee, and for a number of years he engaged in railroad engineering, assisting in designing railway systems, particularly in the mid-west. He moved to Tryon in 1903, shortly after his marriage to Marie Allen Walker. An active participant in the life of his community, he was past president of the People's Bank and Trust Co., Tryon; a past president of the Tryon Chamber of Commerce, a past president of the Tryon Rotary Club, and a Vestryman in the Episcopal Church. He was for several years President of the Tryon Bird Club. Both Mr. and Mrs. Holmes were charter members of the North Carolina Bird Club, and Mr. Holmes was a signer of the charter of the Carolina Bird Club. A keen observer with a wide knowledge of the natural resources of his region, Mr. Holmes has written many interesting notes of his observations. His last contribution to *The Chat* was dated March 3rd, 1950, from Dunedin, Florida, where he and Mrs. Holmes were spending the winter.

Mrs. George H. Holmes was born Marie Allen Walker, at Georgetown, S. C., in 1875. She was graduated at St. Mary's College, Raleigh, N. C., and, as her husband, was active in community work at Tryon. She was a past president of the Tryon Garden Club, and a past president of the Women's Auxiliary of the Episcopal Church.

Surviving are two sons, George H. Holmes II, Charlotte, N. C., and Laurence H. Holmes, Tryon, N. C., and several grandchildren. One grandson, George H. Holmes III, was for several years the youngest member of the N.C.B.C.

With the Editor

CORRECTIONS: The title of the article on page 19 of the March, 1950, issue of *The Chat* (vol. XIV, no. 2) should be: The *Authors* of "South Carolina Bird Life"; and the signature at the end of the article, p. 20, should be: B. R. CHAMBERLAIN. . . . Accidentally omitted from the list of those who attended C.B.C. Field Trip to Lake Mattamuskeet, p. 23, same issue, are the names of Mr. and Mrs. Murray Tate, Greensboro, N. C.

NOTICE TO EXECUTIVE COMMITTEE: The next meeting of the C.B.C. Executive Committee will be held on Saturday, September 9th, at Raleigh. You will be notified of the hour and room. Plan to attend.

THE HAND MAGNIFIER—Which the Executive Committee presented to Rhett Chamberlain at Charleston was something which Rhett had wanted for a long time and he says he is "very happy to have it."

PHILLIPS RUSSELL—C.B.C. member from Chapel Hill, N. C., is the author of "The Woman Who Rang the Bell," an exciting biography of Cornelia P. Spencer, and the book which won the Mayflower award for the Best Book of 1949 by a Carolinian.

LIBERTY, N. C., NOW BIRD SANCTUARY: Liberty, N. C., became a bird sancuary April 14th by a proclamation of the Mayor, Dr. R. D. Patterson. This was the result of the work of the Rose Garden Club and the Liberty Garden Club, whose bird chairmen, Mrs. H. K. Routh and Mrs. J. F. Deaton, supervised a contest in the Liberty school which resulted in the making of many bird houses, bird feeders, and bird posters.

NATIONAL PARK LECTURERS: "The Hegers," whose home address is 3969 Lowry Avenue, Cincinnati 29, Ohio, will be available again during the coming year for colored moving picture lectures on our National Parks. They have studied and worked in our National Parks many years. Mr. Heger serves as Park Naturalist during the summers, and besides being an experienced naturalist is a skilled moving picture photographer. If interested, write to them for further information.

PLANNING A VISIT TO BULLS ISLAND?—Bulls Island, which is owned by the United States Fish and Wildlife Service, is a part of the Cape Romain National Wildlife Refuge with headquarters at McClellansville, S. C. HOWEVER, the Lodge on Bulls Island has been leased to Joseph Moffett, and any plans involving the use of the house facilities or transportation to or from the Island, other than regularly scheduled tours of the National Audubon Society, must be made with Mr. Moffett, whose address is Bulls Island, Awendaw, S. C. Tours of the National Audubon Society are, of course, handled entirely through the Society's Headquarters, 1000 Fifth Avenue, New York 28, N. Y.

AUDUBON ART TOURS—which include work by such notable bird painters as Allan Brooks, Louis Agassiz Fuertes, R. Bruce Horsfall, Athos Menaboni, Roger Tory Peterson, George Miksch Sutton, and others, are offered to local sponsors on a contribution basis, to encourage greater public interest in wildlife and conservation problems. The Art Tours may be sponsored by any organization interested in stimulating public interest in the out-of-doors and the wise use of natural resources. Your library or art museum or other interested group in your

city may be willing to help sponsor such an exhibition. For details write to National Audubon Society, 1000 Fifth Ave., New York 28, N. Y.

S O S, HELP—Henry Magie, Winston-Salem, N. C., calls for help: "A flock of 7 Starlings regularly raid my feeder—they eat a pound of beef suet in 2 days. Have wired a lump under a tree limb patronized by Woodpeckers and Chickadees. Who offers effective measures to repel invading Starlings?"

DAILY CHECK LIST—In the November, 1949, issue of *The Chat* we mentioned a daily field trip record sheet of birds of the southeastern United States which has been prepared by Henry M. Stevenson, 121 N. Copeland St., Tallahassee, Fla. This bird list, which is printed on 2 sheets (4 pages, 8½x11 inches), with notebook perforations protected by thin copper rings, has proved so popular that it has been revised and the price has been reduced to 10c a set, $1.00 for 12 sets, $2.00 for 25 sets, $5.00 for 70 sets. These improved lists are ruled with 21 vertical columns and have more space for each field trip.

REV. R. C. STUBBINS—C.B.C. member who is pastor of Lindsey Street Methodist Church, Reidsville, N. C., has been elected an honorary member of Reidsville's Green Thumb Garden Club for his work in helping make Reidsville a bird sanctuary. Rev. Stubbins is a former President of Greensboro's Piedmont Bird Club. According to the *Greensboro News*, "When the Green Thumb was plugging its project to make Reidsville a sanctuary Rev. Mr. Stubbins 'barnstormed' every school and virtually every civic club or organization of any kind in Reidsville talking about birds and their value to the human race."

CARDINALS AND FLOWERING DOGWOOD—THE COVER PICTURE—is from a painting by 19-year-old Frank Sherrill who was graduated this spring from the Statesville (N. C.) high school. Sherrill began art studies when nine years of age, under Miss Louise Gilbert. He first took up painting bird pictures about four years ago when he had rheumatic fever, and has since developed quite an interest in bird observations and field trips. Last year one of his bird paintings was accepted for exhibition by the Piedmont Art Festival at Winston-Salem, N. C., and during the past spring the Charlotte (N. C.) Children's Museum has exhibited some of his work. He has met Roger Tory Peterson and Allan Cruickshank, both of whom have been quite encouraging. Edward von S. Dingle also has encouraged and helped young Sherrill in working with his bird art.

LONG-WATTLED UMBRELLA BIRD: From Dr. Ben F. Royal, Morehead City, N. C., comes a note from the *New York Times*, with the announcement of the capture, by Charles Cordier of the New York Zoological Society's staff, of four specimens of the Ecuadorean Long-wattled Umbrella Bird, *Cephalopterus ornatus penduliger*, the first of the species ever netted. The birds will arrive in New York in May, and are sure to attract attention at the Bronx Zoo, since there hangs from the breast of the bird, which is about he size of a crow, a foot-long wattle covered with feathers. And along with the umbrella is a sort of feather beret that can spread over the top of the head and cock over one eye in a rakish fashion. Dr. Royal adds: "When I get too old to work or perhaps as a punishment for a argely misspent life, I should like to be banished for at least a year to the Bronx Zoo, by whatever name then called, to really commune with nature and especially with some of my cousins once or twice removed. I am sure I could find many virtues there displayed worthy of emulation."

New Members of Carolina Bird Club

Mrs. Henry M. Baker, Sr., Rockford Road, High Point, N. C.

Dr. Spencer P. Bass, Bass Memorial Hospital, Tarboro, N. C.

Miss Frances H. Beckwith, 321 Court Street, Utica, N. Y.

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Mrs. Robert Martin Gaines, 104 Phillip Street, Tarboro, N. C.

Mrs. J. I. George, 801 College Street, Kinston, N. C.

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(Notification of correction or change of address should be sent to: Dr. Archie D. Shaftesbury, Editor *The Chat*, W.C.U.N.C., Greensboro, N. C.)

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The Chat

BULLETIN OF CAROLINA BIRD CLUB, Inc.

SHRIKE *or* BUTCHER BIRD—*Lanius* sp.

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The Chat

BULLETIN OF CAROLINA BIRD CLUB, INC.

DR. ARCHIE D. SHAFTESBURY, *Editor*

Woman's College of the University of North Carolina, Greensboro, N. C.

B. RHETT CHAMBERLAIN, *Associate Editor*, Route 1, Matthews, N. C.

Contributing Editors: Mrs. Edna Lanier Appleberry, Wilmington, N. C.; Mrs. A. W. Beachman, Henderson, N. C.; Gabriel Cannon Spartanburg, S. C.; E. B. Chamberlain, Charleston Museum, Charleston, S. C.; Mrs. Edwin O. Clarkson, Charlotte, N. C.; J. W. Clinard, Hickory, N. C.; Harry T. Davis, N. C. State Museum, Raleigh N. C.; John B. Funderburg, Wilmington, N. C.; Mrs Charlotte Hilton Green, Raleigh, N. C.; Miss Clara Hearn, Pittsboro, N. C.; Mrs. Zora P. Jensen, Maple City, Mich.; Joe Jones, Chapel Hill, N. C.; J. W. E. Joyner, Rocky Mount, N. C.; Henry Magie Winston-Salem, N. C.; James Mattocks, High Point, N. C.; Hugh Medford, Jr., Greensboro, N. C.; Rev. J. J. Murray Lexington, Va.; Oscar H. Paris, Jr., Greensboro, N. C.; Prof. Phillips Russell, Chapel Hill, N. C.; Mrs. Clyde Sisson, Columbia, S. C.; Dr. Wesley Taylor, Greensboro, N. C.; Mrs. Eddie W. Wilson, Los Angeles, Calif., and Cary, N. C.; Robert L. Wolff, Goldsboro, N. C.; D. L. Wray, Raleigh, N. C.

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NOTIFICATION OF CHANGE OF ADDRESS SHOULD BE SENT TO THE EDITOR.

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Cover Photograph by Professor A. A. Allen, Cornell University

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If you are interested in a field trip to the Beaufort, N. C.-Cape Lookout region the week-end of Jan. 27 write at once to the editor of The Chat

White Ibis Found Nesting in North Carolina

J. L. Stephens, Lumberton, N. C.

White Ibis were found nesting at Lennons Marsh near Lumberton, N. C., on May 15th, 1950, and so far as is known this is the first instance of White Ibis nesting in the state.

White Ibis are known to nest commonly in tropical regions to the South. From 300,000 to 600,000 of these birds were found nesting in the marshes of the St. Johns River, Florida, by Sprunt in 1938. Individual White Ibis, probably stragglers, have been observed at Beaufort, N. C., and in Onslow County, N. C.

White Ibis at Lennons Mash, May, 1950 (Photo by Margaret Fisher. Courtesy N. C. Wildlife Resources Commission)

The occurrence of the White Ibis as a nesting bird in this state has been expected. Ornithologists in South Carolina have, in recent years, been reporting a gradual northward extension of the White Ibis nesting range. In 1922 Sprunt discovered 75 pairs nesting at Fairlawn Plantation, near Charleston, and in the spring of 1943 DuPree saw six or seven pairs at Blakes Reserve, on the South Santee River. Birds seen about Georgetown and Waccamaw River plantations each spring have indicated colonies nesting in the area. In 1944 a flock of several hundred were seen at Pauleys Island, Georgetown County, South Carolina. This spring for the first time some 1,200 White Ibis moved across into North Carolina and set up housekeeping at Lennons Marsh.

The birds located their nests in low cypress trees and low bushes, in what is known locally as the Lennons Marsh Heron Rookery. Estimates of the number of Ibis present were made from nests counted. In the three-acre section of swamp used by the White Ibis, Little Blue Herons, Water Turkeys, American Egrets, Black-crowned Night Herons, and Great Blue

Herons were nesting. The White Ibis, in 1950, utilized a section of the rookery formerly used by Water Turkeys and American Egrets, and these birds appeared to be present in reduced numbers due to the competition for suitable nesting sites. No decrease in the population of Little Blue Herons was noted due to crowding by White Ibis.

The White Ibis nests were located very close together, and constructed of sticks lined with moss and cypress leaves. The eggs, usually three or four, were of a greenish-white ground color, splashed and dotted with dark brown markings.

As the young were observed from time to time they appeared to be unusually healthy. In contrast, the death rate of young heron nestlings in the same rookery was very high. At age of two weeks as many of the young Ibis as could be caught were banded.

White Ibis Nest at Lennons Mash, May, 1950
(Photo by Margaret Fisher. Courtesy N. C. Wildlife Resources Commission)

On September 15th the first banded Ibis was reported killed at Loris, South Carolina, and as the winter advances there will be other returns which will help to tell the story of White Ibis migration.

The White Ibis is a spectacular bird. To stand in the rookery and see groups of Ibis returning to feed their young in flocks of 6, 10, 15, is an inspiring sight. You are impressed with the speed of White Ibis flight as contrasted with that of its neighbors, the herons. The White Ibis flies with its neck extended, and the long, pink, down-curved bill gives it a distinctive appearance. These white birds with black-tipped wings may travel in a V, or in Indian file, or in a straight line, flapping and sailing alternately.

The White Ibis eats large numbers of crayfish, grasshoppers, and cutworms. The large quantity of insects taken makes the White Ibis an economically valuable bird, which in addition to its aesthetic value, makes it a welcome addition to the nesting birds of North Carolina.

B. R. CHAMBERLAIN APPOINTED ASSOCIATE EDITOR OF *THE CHAT*: At the June 3rd meeting of the Executive Committee of the Carolina Bird Club, B. Rhett Chamberlain was appointed Associate Editor of *The Chat*. Mr. Chamberlain will also continue to be in charge of "News of the Local Clubs," and communications for him should be addressed to B. R. Chamberlain, Rt. 1, Matthews, N. C. During the past several years Mr. Chamberlain has made numerous excellent contributions to the columns of *The Chat*, including several splendid records of his bird observations, all of which have added much to the interest and value of *The Chat*.

Baltimore Orioles Wintering at Raleigh, N. C.

Thomas L. Quay

The latest edition of "Birds of North Carolina" (Pearson, Brimley, and Brimley, 1942) lists the Baltimore Oriole (*Icterus galbula* L.) as a "summer visitor in the mountains, transient in rest of State." No winter records are mentioned, there presumably being none up to that time. The fourth edition of the American Ornithologists' Union's "Check-List of North American Birds" (1931) gives the winter range as "from southern Mexico through Central America to Columbia; casually in Massachusetts, Ohio, and Pennsylvania."

In their excellent new book, "South Carolina Bird Life," Alexander Sprunt and E. B. Chamberlain (1949) devote a whole page to tracing the history of the occurrence of the Baltimore Oriole in that state in winter. They note that, "Though the Baltimore Oriole winters in the tropics, there are a few sporadic records for the eastern United States at that season, but in no state do so many records appear as in South Carolina. All of these but one are of recent date." The number of birds recorded each year is as follows: 1911, 1; 1933, 1; 1934, 4 (four places); 1935, 1; 1941, 1; 1942, 1; 1946, 1; 1947, 4 (three places); 1948, 1; 1949, 6 (three places). Most of these birds were seen between early January and mid-March, and the longest that one bird was under continuous observation was from February 16th to March 10th, 1949.

Baltimore Orioles have recently appeared in winter in North Carolina also. The published records are as follows:

1. One first-winter male, at Greensboro. Seen regularly at feeding station in yard of Miss Ida Mitchell, from January 23rd to April 20th, 1949. A. D. Shaftesbury, *Chat 13* (3):50.

2. Three first-winter birds, presumably one female and two males, at Chapel Hill. Seen regularly at feeding station in town, from December 27th, 1948, to April 27th, 1949. Mrs. R. B. Sharpe, *Chat 13* (3):50.

3. One male and one female, age not indicated, again in yard of Miss Ida Mitchell at Greensboro. The female arrived in November and the male in December 1949, both left during the first week of April 1950. A. D. Shaftesbury, *Chat 14* (3):44.

At least five Baltimore Orioles were observed at Raleigh during the late winter and spring of 1950, all in first-winter plumage. Three of these (one male and two females) were seen daily in the yard of Dr. B. W. Wells, from January 10th to April 20th. They came regularly three or four times each day, and fed together at the feeding station, in loose company with about fourteen other species of birds. Only Starlings and Brown

Thrashers were higher in the peck-order than the Orioles. They ate several kinds of food, but seemed partial to a mixture of suet, peanut butter, and flour placed on the ground in cans. Although they were away from the Wells' yard more hours each day than present, the extent of their range was not determined. The two females were trapped and banded on April 15th by Norman B. McCulloch, Jr. (band numbers 38-193 937 and 38-193 938); both were in their prenuptial molt, which occurs only in the first-year birds.

The other two Orioles, both first-winter males and both in molt, were trapped and banded by Mr. McCulloch in his own yard, about two miles distant from Dr. Wells' house (band numbers 38-193 934 and 38-193 935). Neither of these birds was seen but the one time.

It will be noticed that at least nine of the eleven Baltimore Orioles seen in North Carolina the past two winters were first-winter birds. All eleven were seen in town, at feeding stations. It seems likely that the group of three in the Wells yard could have been from a single brood. The two Raleigh sites were composed of park-like stands of medium-sized deciduous trees. Since it is probable that many more Orioles were present in the State than recorded, it is urged that the members of the Carolina Bird Club make a special effort this coming winter to be on the lookout for these rare winter visitors, and send the records either to the writer or to the editor.

Division of Biological Sciences,
North Carolina State College,
Raleigh, North Carolina,
September 26, 1950.

Local Club News

(The Secretary or other representative of each local club is requested to send in brief notes on the activities of members and their friends. The notes must be about people—what they are doing and what they plan to do. Please jot down the doings of your people—everything you deem Chatworthy, and send in the news at once. A postal card or two from each local club will be better than a volume from one club.—B. R. CHAMBERLAIN, Rt. 1, Matthews, N. C.)

HIGH POINT, N. C.: Hugh Medford, Jr., of Greensboro, N. C., addressed the Catesby Bird Club at the first fall meeting which was held Tuesday evening, September 5th, at the home of Mrs. Henry M. Baker, Sr. The club president, J. O. Hauschild, was in charge of the meeting, and program chairman Mrs. R. I. Quigley, introduced the speaker, who gave an interesting talk on "Bird Photography," which was illustrated by a number

of bird pictures from his own photographic collection. Plans for next year were discussed by the club, and refreshments were enjoyed by the twenty-four members in attendance.

COLUMBIA, S. C.: The Columbia Natural History Society is now Columbia Bird Club. According to information received from Club Treasurer Fred Semple this action was taken at a meeting which was held Tuesday evening, May 9th, 1950.

GREENSBORO, N. C.: Piedmont Bird Club's first fall meeting was a picnic supper held at Camp Herman, near Greensboro, on Saturday evening, September 16th. The new president, Mrs. W. C. Carr, was in charge, with Hospitality Chairman Miss Etta Schiffman in charge of arrangements. . . . Several preseason field trips have already been held, and regular weekly trips are arranged by Field Trip Chairman Dr. Charlotte Dawley.

TAR HEEL BIRD CLUB: The Tar Heel Bird Club met on August 4th, 5th, and 6th, at Fletcher, N. C., as the guests of Mrs. Paul R. Maunden, at the Gerry-Gil Farm. In three bird walks on the farm and one at Montreat, N. C., a total of 48 different kinds of birds were seen. At the business session one new member was recognized and one elected. Vaughn Brock, Hickory, N. C., was elected president, Miss Olwyn Owens, Kannapolis, N. C., was elected secretary-treasurer, and Mrs. Andrew Smith, Morganton, N. C., was re-elected club historian. The next general meeting will be at Edisto Island, S. C., in August, 1951.

HENDERSON, N. C.: One of the objectives of the Henderson Bird Club is to create among children a love for birds and an interest in protecting them. Club secretary, Miss Elizabeth Fox, reports some effective work done among the boys and girls in the elementary schools in identifying and protecting birds. Groups of children in each school in Henderson gave special Audubon programs in April. Copies of Peterson's "How to Know the Birds" were placed in the libraries of each school by the club. The President, Miss Garnette Myers, informs us that "Bird Corner," a column sponsored by the Henderson Bird Club in the Henderson daily newspaper has given impetus to a growing interest in birds and conservation in Henderson and Vance County.

HICKORY, N. C.: At the September meeting of the Hickory Bird Club, held on the evening of the twenty-first, at the home of Mr. and Mrs. J. Weston Clinard, Mrs. W. J. Shuford gave a talk on the life of the noted English naturalist and author, William Henry Hudson (1841-1920),

who was born in Buenos Aires of American parents, and included among his writings stories of many species of birds of England and South America, many of the latter being the same birds in North America in a different season of their migration. First prize in the Bird Quiz, a nesting box for House Wrens, was awarded to Mrs. Katharine Vallotton. An interesting round table discussion was held, and plans were discussed for several members to attend the Carolina Bird Club fall meeting to be held in October, at Greenville, S. C. Club president Mrs. George E. Bisanar was in charge of the meeting.

TRYON, N. C.: The late Mr. and Mrs. George Hamilton Holmes were honored at the Lanier Library in Tryon, August 15th, with the gift by the Tryon Bird Club of an automatic record player with a set of records of birds' songs. The presentation was made by Mrs. A. W. Brintnall, president of the Tryon Bird Club, and the gift was accepted by Mrs. M. Parish-Watson of the Lanier Club. Mrs. Brintnall expressed the hope that from time to time additional records would be presented to the Lanier club, so that there might be musical programs for the benefit of those interested. Roses and baskets of flowers which were displayed were later placed on the graves of Mr. and Mrs. Holmes.

WINSTON-SALEM, N. C.: A note from the old dependable Henry Magie sends regrets that none of the Winston-Salem Bird Club can attend the C. B. C. Executive Committee meeting Sept. 9th, at Raleigh, N. C. Cause: "Our club has shrunken to seven men, five 'elderly,' two virile field men. Reason is, we mistakenly omitted including women in our 1936 organization." . . . Their club continues chapel hour talks in public and private schools and talks to numerous garden clubs, function in the City Recreation Bird House contest and are active in the Christmas bird count. . . Magie reports a grand experience as guest speaker at the "4 State Council" of Senior Girl Scouts, August 7th, at Roaring Gap.

Christmas Bird Count Dates Dec. 23 Through Jan. 1

DATES FOR 1950 CHRISTMAS BIRD COUNT: Saturday, December 23rd, 1950, through Monday, January 1st, 1951, inclusive. Now is the time to begin to check over your local area for your Christmas count, and get your plans organized. This year, as for several years past, Carolina Bird Club will co-operate with the National Audubon Society in making the Christmas count of the number and kinds of birds in various localities throughout the nation. Last year *The Chat* printed counts

from 14 localities in North Carolina and from five localities in South Carolina. We hope to have more this year, particularly from South Carolina. Local clubs, groups, and individuals are urged to make counts wherever possible. Now is the time to begin to check over your local area for your Christmas counts, and get your plans organized. Enlist the help of every local bird enthusiast in this pleasant game and see that beginners go with more experienced observers. Instructions are listed in *Audubon Field Notes*, April 1950, a separate reprint of which may be purchased for 15c from National Audubon Society, 1000 Fifth Ave., New York 28, N. Y. In order to be published in the January issue of *The Chat*, lists from C. B. C. members should be received by the editor of *The Chat* not later than Tuesday, January 9th.

Some Gift Book Suggestions

Here is a list, by no means complete, of bird books—some new and some not so new, that you might find of interest in selecting a gift for a bird lover friend or for an addition or two to your own bookshelf.

A Field Guide to the Birds (east of the Rockies), by Roger Tory Peterson (second revised and enlarged edition 1947), Houghton Mifflin Co., Boston. $3.50. Many regard this as the best field guide for our region. *Field Guide to Western Birds*, by the same author, with same publisher and price, covers the U. S. from the Rockies westward.)

Audubon Bird Guide, Eastern Land Birds, by Richard H. Pough (1946), Doubleday & Co., Inc., Garden City, N. Y. $3.00. Sponsored by National Audubon Society. A very popular field guide.

Field Book of Eastern Birds, by Leon Augustus Hausman (1946), G. P. Putnam's Sons, New York City. $3.75. Has several good features to help beginners, but a good companion to any bird watcher.

Birds' Nests, A Field Guide, by Richard Headstrom (1949), Ives Washburn, Inc., 29 West 57th St., New York 19, N. Y. $2.75. A convenient sized, well illustrated identification manual to the nests of birds of the United States east of the one hundredth meridian. Splendid for winter study.

The Ducks, Geese and Swans of North America, by Francis H. Kortright (1943), American Wildlife Institute, Washngton, D. C. $4.50. A *vade mecum* for sportsmen and bird students.

How to Know the Birds, by Roger Tory Peterson (1949), a Mentor Book, and *Birds, A Guide to the Most Familiar American Birds*, by Herbert S. Zim and Ira N. Gabrielson (1949), a Golden Nature Guide, are both small guides which seem particularly suitable for children and beginning bird students of any age.

The Audubon Guide to Attracting Birds, edited by John H. Baker (1941), Doubleday & Co., Garden City, N. Y., $2.50, was out of print for some time, but I believe it has been republished; and there has recently appeared a briefer *Handbook of Attracting Birds* by Thomas P. McElroy, Jr., published by Knopf, New York, at $2.75 a copy. This latter book seems rather superficial in spots.

Here are some of the bird stories and collections of bird stories which you will find interesting: *The Murmur of Wings*, by Leonard Dubkin (Whittlesey House, McGraw Hill Book Co., N. Y., 1944, $2.50—twenty-three short chapters about city birds by a business man who spent his spare time watching them); *Wings at My*

Windsor, by Ada Clapham Govan (The Macmillan Co., N. Y., 1940, $2.50—reprinted many times, this is a true story of a woman's physical and spiritual regeneration brought about by her hospitality to birds); *Wild Wings*, by Joseph James Murray, a long time Carolina Bird Club member, who is a Presbyterian pastor in Virginia and has been for many years a leader in serious bird observation in Virginia (John Knox Press, Box 1176, Richmond 9, Va., 1947, $2.50—a collection of stories that will be enjoyed by young and old, by hiker and shut-in); *Hawks Aloft*, by Maurice Broun (Dodd, Mead Co., N. Y., 1949, $4.00—the interesting story of Hawk Mountain in Pennsylvania); *Bird Islands Down East*, by Helen Gere Cruickshank (The Macmillan Co., New York, 1941, reprinted in 1949, $3.00—interestingly written and with splendid photographs by the author's noted husband, Allan D., this little book is for all who love the sound of the restless surf beating against the shore and the feel of salt spray on the face); *The Awl Birds*, by J. K. Sanford (The Devin-Adair Co., 23-25 East 26th St., New York 10, N. Y., 1949, $2.00—an exciting adventure story based on the return of the Avocet to England as a breeding bird after an absence of over one hundred years); and *A North Carolina Naturalist—H. H. Brimley*, edited by Eugene P. Odum (The Univ. of North Carolina Press, Chapel Hill, N. C., 1949, $3.50—a collection of writings, tales, and reminiscences by the first Curator and Director of the N. C. State Museum, who was for more than 60 years identified with the natural history of North Carolina.)

A Guide to Bird Watching, by Joseph J. Hickey (Oxford Univ. Press, 1943, $3.50) and *Modern Bird Study*, by Ludlow Griscom (Harvard Univ. Press, Cambridge 38, Mass., 1945, $2.50) both give a more or less popular explanation of the more technical sides of bird study, with interesting methods by which amateur naturalists can explore the mysteries of bird life.

An Introduction to Birds, by John Kieran, with 100 birds in color by Don Eckelberry (1946, 1950), Garden City Pub. Co., Garden City, N. Y. $2.50. A book for beginners, that has much to delight the more advanced bird student as well.

South Carolina Bird Life, by Alexander Sprunt, Jr., and E. Burnham Chamberlain (1949), University of South Carolina Press, Columbia 1, S. C. $10.00. This fine new book is certainly a must for the library of every serious minded bird student of our region.

Birds of North Carolina, by T. Gilbert Pearson, C. S. Brimley, and H. H. Brimley (1942), State Museum, Raleigh, N. C. $3.50. Few copies left.

Menaboni's Birds, a collection of the best paintings by Athos Menaboni, with fresh, personal text by Mrs. Sara Menaboni, Rinehart & Co., Inc., 232 Madison Ave., New York 16, N. Y., $10.00. Contains 32 plates in full natural color, 9x12 inches . . . 13 full pages of black and white reproductions of the brilliant paintings that have made Menaboni famous. Here is a gift of pure beauty that will grow in value with the years. The first printing of both the regular edition and the special $25.00 limited edition with extra portfolio were sold out before the November tenth printing date and a new printing cannot be made until next March, but your bookseller may still have some first edition copies in stock.

AUDUBON WILDLIFE TOURS—Fascinating one and two day trips are available again this year, to the Okeechobee-Kissimmee region of Florida and also from the Everglades National Park to colorful Florida Bay, a real tropical wildlife tour. For dates, prices, and other arrangements, write to National Audubon Society, 1000 Fifth Ave., New York 28, N. Y.

Field Notes and News

EARLY ARRIVAL RECORD OF YELLOW-THROATED VIREO IN N. C.: On the afternoon of March 28th, at my home in Greensboro, N. C., I observed a Yellow-throated Vireo. This seems to be a few days earlier than previously recorded, possibly due to the rather mild winter. JOHN A. MCLEOD, JR..

MAN-O'-WAR-BIRD SEEN AT SOUTHPORT, N. C.: On the evening of June 11, 1950, just at twilight, Waters Thompson and I saw a Man-o'-War Bird hovering over the harbor shore at Southport, N. C. We watched the bird for about fifteen minutes, until we had to leave.
(July 11, 1950.) H. G. LOFTIN, JR. Morehead City, N. C.

TWO PURPLE MARTIN FAMILIES NESTING IN ONE GOURD—One of my friends tells me that he has seen two and even three pairs of Purple Martins nesting together in *very* large "2 gallon" gourds. A suitable Purple Martin gourd (for one pair) must be approximately 7 inches or more in inside diameter.
(Sept. 17, 1949.) DR. WESLEY TAYLOR, Greensboro, N. C.

EVENING GROSBEAK REPORTED AT WARRENTON, N. C.: A communication of April 1st in the *Greensboro Daily News* states that, during the previous week, four Evening Grosbeaks were seen on the property of Dawson Alston in Warrenton, the birds being definitely identified by Attorney Julius Banzet, local authority on bird study and bird identification.

A. D. S.

HOUSE WRENS FOUND NESTING IN (SPARTANBURG) SOUTH CAROLINA: We have had an unusual summer record here in Spartanburg, S. C., this year. In April a number of House Wrens were seen. A pair built in an old fence post in our back yard, and on June 6th, four young ones came off the nest. The adult birds were soon nesting again, this time at a location further down the street, and one young of the second brood was seen. Other House Wrens have been seen and heard in various sections throughout the city.
(August 29, 1950) RUTH CRICK, Spartanburg, S. C.

WOOD IBIS SEEN NEAR BEAUFORT, CARTERET COUNTY, N. C.: Today, July 14th, 1950, Dot Hutaff and I observed an adult Wood Ibis, in flight and feeding, east of Beaufort, N. C., between the North River bridge and the oyster farm experiment station. While at Lennon's Pond, near Lumberton, N. C., I took some good moving pictures of both Wood and White Ibises, and hope I did as well with the Wood Ibis here this afternoon. I am enjoying the summer here in the Morehead City, N. C., region, banding Cormorants at Ellis Lake and Black Skimmers on the island at the Beaufort, N. C., inlet.

DICK BORDEN, Raleigh, N. C.

BLUEBIRDS NESTING DATES IN CHARLOTTE, N. C.: In the May 1950 issue of *The Chat*, v. 14, p. 43, Mrs. Florence H. Robinson mentions her observation of young Bluebirds in a nest at Southern Pines, N. C., as early as March 28th, and the request was made for comparative Bluebird nesting records from the observations of other C.B.C. members. In the booklet on "Birds of Charlotte and Mecklenburg County, North Carolina," which I wrote in 1944, I gave my records for eleven years of Bluebird nesting as "average date nests begun March 17, once on March 2." As a matter of fact, nine of those years the Bluebirds carried in the first nesting material

on March 17th, one year on March 2nd, and one year within a day or two of the 17th. Since then, I have kept up with nests among other Charlotte gardens and the average date still seems to be March 17th. Tommy Bluebird Clarkson was hatched on a chilly Spring day, April 25th, but the nest was begun on March 17th. (Cf. *The Chat*, 1944, v. 8, p. 19.)

ELIZABETH BARNHILL CLARKSON

PRAIRIE HORNED LARKS OBSERVED NEAR COLUMBIA, S. C.: A family of Prairie Horned Larks was first seen by J. H. Fowles on June 12th in Richland County, near Columbia, S. C. The same morning we saw two adults feed a young bird, and the group was joined by another young bird. The Horned Larks were watched and studied by several members of the Columbia Bird Club until June 30th, when last seen at the airport in Lexington County. When this was reported to E. B. Chamberlain of the Charleston, S. C., Museum, he stated that this discovery records "the farthest southeastward penetration to date."

MRS. CLYDE SISSON, Columbia, S. C.

STATESVILLE, N. C.: The birds have been unusually courteous to me this year. A Veery sang about my yard until May 26th, and I expect nested in the country. A Wood Thrush began a nest outside my window on June 10th. Another Thrush built in the garden on June 15th. Their singing encircles the house. Last winter was full of Purple Finches and in early April the Robin nested again on my porch. A Bullbat has taken over my field of sky, and day and night hears his solitary voice. For the first time an Ovenbird is nesting in the neighborhood. I have not seen him lately but I hear his song. A Parula comes back and forth—and all the usual immemorial birds.

(July 3, 1950) GRACE C. ANDERSON

PINTAILS NEST IN PIEDMONT REGION OF NORTH CAROLINA: A pair of Pintails appeared on a small pond just south of the city limits of High Point, Guilford County, N. C., about May 20th, 1950. They appeared in good health, full plumage, and were able to fly normally. They gradually became more tame, and on about June 4th the female was missed. On June 5th, the female was seen slipping through the weeds and brush as though returning to a nest. About June 13th, the male disappeared, presumably shot. On June 25th the nest was located, in thick brush, on a bank about eight inches above the water and one foot from the water. On June 27th, six of the seven eggs had hatched, and the female brought off a fine brood of lively little brown ducklings. (We have recently been told that wild Pintails nested successfully last year on Deep River, in Sumner Township, Guilford County, near the Randolph County line.)

(June 29, 1950) JAMES MATTOCKS, High Point, N. C.

MONTREAT, N. C.: The following forty-seven species were observed at Montreat, Buncombe County, North Carolina, during the period from August 8 until September 15, 1949: Pied-billed Grebe, Turkey Vulture, Broad-winged Hawk, Screech Owl, Whip-poor-will (call), Ruby-throated Hummingbird, Belted Kingfisher, Yellow-shafted Flicker, Pileated Woodpecker, *Yellow-bellied Sapsucker (imm.)*, Hairy Woodpecker, Downy Woodpecker, Phoebe, *Empidonax sp.* (Least Flycatcher?), Wood Pewee, Blue Jay, Carolina Chickadee, Tufted Titmouse, White-breasted Nuthatch, Carolina Wren, Catbird, Brown Thrasher, Robin, Wood Thrush, Ruby-crowned Kinglet, Yellow-throated Vireo, Blue-headed Vireo, Red-eyed Vireo, Black-and-white Warbler, *Golden-winged Warbler (a rather unexpected sight record, but well-verified at extremely close range)*, Parula Warbler, Magnolia Warbler, Cape May Warbler,

Black-throated Blue Warbler, Black-throated Green Warbler, Blackburnian Warbler, Chestnut-sided Warbler, Pine Warbler, Oven-bird, Hooded Warbler, Canada Warbler, American Redstart, Baltimore Oriole, Scarlet Tanager, Cardinal, Towhee, Song Sparrow.

(August 23, 1950) DR. AND MRS. THOMAS W. SIMPSON, Winston-Salem, N. C.

RALEIGH, N. C.: *Yellow-throated Vireo Nest*—On our spring bird count, May 2, 1950, I found a Yellow-throated Vireo's nest, about 25 feet up in a water oak, near the marsh at Boneyard Lake on the western edge of Raleigh, N. C. The female was on the nest and I watched her with binoculars for some time. Examination of the nest on May 27 revealed four eggs—one cracked and another with a hole, with ants in the nest. Apparently something had disturbed nesting and the nest had been abandoned. We do not have many nesting records of this vireo because it nests so high in trees, so this record is a welcome addition.

Red-eyed Towhee Nest—On May 22, Jesse Primrose reported a Red-eyed Towhee's nest in Raleigh, N. C., at the Rex Hospital where Primrose was convalescing. Of all places to be birding! But Primrose was there with his field glasses. I went out and he showed me the nest which was about three feet from the ground in a thick *Burfordi* holly bush, next to a sidewalk between the hospital and the nurses' home, where many people walk each day. Mr. Primrose found the nest by observing the male and female carrying material to the nest. He and I watched the female Towhee carrying food to the young birds.

(May 31, 1950) DAVID L. WRAY, Raleigh, N. C.

WINSTON-SALEM, N. C.: Daily field observations were made during the spring migration period from April 1, 1950, through May 15, 1950. Almost all of the winter residents had left before this time. A large proportion of the species listed during the six week period of observation would be regarded as either permanent or summer residents, in the sense that *individuals* of these species have elected to remain in the locality during the remainder of the summer. These have been marked by asterisks. Actually, these individuals are in the minority and banding operations would undoubtedly show that most of the birds seen during the migration period did not remain, but passed through to other breeding areas. Turkey Vulture*, Red-tailed Hawk* (April 10), Broad-winged Hawk* (May 7), Bob-White*, Mourning Dove*, Nighthawk* (not recorded before May 15), Whip-poor-will* (calling throughout period, one seen at dusk, April 28), Chimney Swift* (arrived April 27), Ruby-throated Hummingbird* (April 27), Yellow-shafted Flicker*, Red-headed Woodpecker*, Downy Woodpecker*, Crested Flycatcher* (May 6), Wood Pewee* (arrived May 6), Rough-winged Swallow (May 5), Blue Jay* (April 25), Am. Crow*, Carolina Chickadee*, Tufted Titmouse*, White-breasted Nuthatch*, House Wren* (arrived May 15), *Bewick's Wren (April 3-8)*, Carolina Wren*, Mockingbird*, Catbird* (arrived May 5), Brown Thrasher* (arrived April 10), Robin*, Wood Thrush* (April 27, May 5), Olive-backed Thrush (May 8), Eastern Bluebird*, Blue-gray Gnatcatcher* (arrived April 20), Cedar Waxwing (April 20), Starling*, Yellow-throated Vireo* (arrived April 18), Mountain Vireo (April 28), Red-eyed Vireo* (arrived April 27), Black-and-white Warbler* (April 27), Tennessee Warbler (May 3), Parula Warbler (May 3), Yellow Warbler* (arrived April 22), Cape May Warbler (April 22-30), Black-throated Blue Warbler (May 12), Myrtle Warbler (April 8-May 15), Cerulean Warbler (May 2), Blackburnian Warbler (May 15), Bay-breasted Warbler (May 8), Oven-bird* (first heard, calling May 5), Maryland Yellow-throat* (arrived May 4), Hooded Warbler* (arrived April 27), American Redstart (seen about May 15, probably remained), House Sparrow*,

Eastern Meadowlark*, Red-wing*, Orchard Oriole* (arrived April 28), Scarlet Tanager (April 29), Summer Tanager* (arrived April 27), Cardinal*, Rose-breasted Grosbeak (April 26, May 8), Blue Grosbeak* (May 15), Indigo Bunting* (arrived April 28), Purple Finch (April 13), Am. Goldfinch*, Red-eyed Towhee*, Slate-colored Junco (last seen April 15), Chipping Sparrow*, Field Sparrow*, White-throated Sparrow (last seen about May 1). (In addition to the above species marked by asterisks, the following have been noted in this locality on occasion during the summer: Killdeer, Yellow-billed Cuckoo, Screech Owl, Barred Owl, Purple Martin, Loggerhead Shrike, and [on the basis of song heard in usual habitat, but not seen] White-eyed Vireo and Prairie Warbler.)

(August 23, 1950) DR. AND MRS. THOMAS W. SIMPSON, Winston-Salem, N. C.

SPRING BIRD CENSUS AT DURHAM, N. C., May 13, 1950: Territory covered included Duke Campus, Bird Sanctuary, Ellerbee Creek lowlands, Hollow Rock, Hillandale Golf Course, and country roads north and northwest of Durham. About 50% wooded, 50% open, including some pasture and cultivated lands. Cool, cloudy until mid-afternoon. Observers in field from 6:00 A. M. to 6:00 P. M., giving a total of 16.5 party hours. About 8 miles on foot, 75 miles by car. American Egret, Little Blue Heron, Green Heron, Turkey Vulture, Bob-white, Killdeer, Woodcock, Mourning Dove, Whip-poor-will, Nighthawk, Chimney Swift, Ruby-throated Hummingbird, Yellow-shafted Flicker, Red-headed Woodpecker, Downy Woodpecker, Eastern Kingbird, Phoebe, Acadian Flycatcher, Wood Pewee, Blue Jay, Am. Crow, Carolina Chickadee, Tufted Titmouse, White-breasted Nuthatch, Brown-headed Nuthatch, House Wren, Carolina Wren, Mockingbird, Catbird, Brown Thrasher, Robin, Wood Thrush, Olive-backed Thrush, Eastern Bluebird, Blue-gray Gnatcatcher, Loggerhead Shrike, Starling, White-eyed Vireo, Yellow-throated Vireo, Mountain Vireo, Black-and-White Warbler, Parula Warbler, Yellow Warbler, Magnolia Warbler, Black-throated Blue Warbler, Myrtle Warbler, Yellow-throated Warbler, Bay-breasted Warbler, Black-poll Warbler, Pine Warbler, Prairie Warbler, Ovenbird, Louisiana Water-thrush, Kentucky Warbler, Maryland Yellow-throat, Yellow-breasted Chat, Hooded Warbler, American Redstart, English Sparrow, Bobolink, Eastern Meadowlark, Red-wing, Orchard Oriole, Scarlet Tanager, Summer Tanager, Cardinal, Rose-breasted Grosbeak, Blue Grosbeak, Indigo Bunting, Am. Goldfinch, Red-eyed Towhee, Chipping Sparrow, Field Sparrow, White-throated Sparrow, Swamp Sparrow, Song Sparrow. Total, 78 species. Observers: *Frank Egerton*, *Paul J. Kramer* (compiler), *Richard Kramer*, *C. B. Martin, Jr.*

SPRING CENSUS AT RALEIGH, N. C., May 2, 1950. Dawn to dusk. Warm, foggy early, with heavy overcast of clouds rest of day, with intermittent rain. Territory covered same as for Christmas census. Species observed: Great Blue Heron, American Egret, Little Blue, Green, and Yellow-crowned Night Herons; Am. and Least Bitterns; Blue-winged Teal; Greater, and Lesser Scaup Duck; Bufflehead; Turkey, and Black Vultures; Red-tailed, Red-shouldered, and Marsh Hawks; Osprey, Bobwhite; King Rail; Sora; Coot; Killdeer; Wilson's Snipe; Spotted, and Solitary Sandpipers; Greater, and Lesser Yellowlegs; Pectoral Sandpiper; Mourning Dove; Yellow-billed Cuckoo; Great Horned, and Barred Owls; Chuck-will's Widow; Whip-poor-will; Chimney Swift; Ruby-throated Hummingbird; Belted Kingfisher; Yellow-shafted Flicker; Red-bellied, Red-headed, Hairy, and Downy Woodpeckers; Eastern Kingbird; Crested Flycatcher; Phoebe; Acadian Flycatcher; Wood Pewee; Tree, Rough-winged, and Barn Swallows; Blue Jay; Am. Crow; Carolina Chickadee; Tufted Titmouse; White-breasted, and Brown-headed Nuthatches; Brown Creeper; House, Carolina, and Long-billed Marsh Wrens; Mockingbird; Catbird;

Brown Thrasher; Robin; Wood, Hermit, Olive-backed, Gray-cheeked Thrushes; Veery; Eastern Bluebird; Blue-gray Gnatcatcher; Ruby-crowned Kinglet; Cedar Waxwing; Loggerhead Shrike; Starling; White-eyed, Yellow-throated, Mountain, and Red-eyed Vireos; Black and White, Prothonotary, Worm-eating, Blue-winged, Parula, Yellow, Cape May, Black-throated Blue, Myrtle, Yellow-throated, Chestnut-sided, Black-poll, Pine, Prairie, and Yellow Palm Warblers; Oven-bird; Northern, and Louisiana Waterthrushes, Maryland Yellowthroat; Yellow-breasted Chat; Hooded and Canada Warblers; Redstart; English Sparrow; Bobolink; Eastern Meadowlark; Red-wing; Orchard Oriole; Rusty Blackbird; Scarlet, and Summer Tanagers; Cardinal; Rose-breasted, and Blue Grosbeak; Indigo Bunting; Am. Goldfinch; Red-eyed Towhee; Savannah, Grasshopper, Henslow's Vesper Sparrows, Junco, Chipping, Field, White-throated, Swamp, and Song Sparrows. Total, 126 species. Observers: *D. L. Wray* (compiler), *Will Hon*, *J. W. Johnson*, *Robt. Overing*, *Mrs. Charlotte H. Green*, *Philip Davis*, *T. L. Quay*, *Wm. H. Brown*, *Ethel Wray*.

CEDAR WAXWINGS FOUND NESTING NEAR HIGH POINT, N. C.: On June 11, 1950, two nests of Cedar Waxwings were located at the Richardson farm, just south of High Point, N. C. One nest was 30 feet up in a wild mulberry tree on a limb out over the yard, about 15 feet from the main trunk of the tree. The female was on the nest, apparently incubating. A few minutes after the nest was discovered, the female left the nest and flew directly to a dead limb of a sweet gum tree, about 75 feet away. There the male was waiting, and fed her while she fluttered her wings and begged. The male attempted to mate three or four times, but she eluded him. After the male had brought up and passed six or seven morsels to her, they sat on the twig a couple of minutes squeaking to each other, and then she returned directly to the nest.

The second nest was located 50 yards away, and was 30 feet high in a cedar tree, on a limb which had turned up, and was growing up about eight feet from the main trunk. The female here also appeared to be incubating. On June 24th there were two young in this nest in the cedar tree, apparently about one day old. They were well supplied with pin feathers on June 28th.

During the afternoon of June 11th, an extension ladder was set up at the mulberry tree in the hope of obtaining pictures. The ladder was placed with the top some ten feet from the nest, but the female left the nest and did not return that evening or during the next day, so, on the evening of June 12th, the nest and four eggs were collected.

On June 13th, a third Waxwing nest was located, 65 feet or more high in the outer limbs of a sweet gum tree, about 60 feet from the mulberry. This pair was exceedingly shy, although they had chosen a location overlooking the garden where people constantly came and went.

On June 20th and 21st, a pair of Cedar Waxwings (possibly those run out of the mulberry tree), were busily engaged in carrying cedar bark to a new nest about 100 yards from the cedar tree nest, this fourth nest being located 40 feet high in a sweet gum tree beside U. S. highway 311. The pair would come swooping down from the gum and fly in graceful undulations about 15 feet above the ground to a large cedar tree a hundred yards away (near the other nest). There one bird would attack a horizontal limb in the upper part of the tree while the mate sat by and apparently squeaked encouragement. When the working bird (the female?) had pulled a strip of bark loose they would fly back. At one time they were making round trips in about 3 to 4 minute intervals. The nest was apparently completed in the next day or so.

(June 29, 1950) JAMES MATTOCKS, High Point, N. C.

With the Editor

INTERESTED IN SECURING A MOTION PICTURE LECTURER?—A note from Cleveland P. Grant states that they have a beautiful new folder describing the Grants' ten current moving picture lecture films. Drop a card to Cleveland P. Grant, 245 Davis St., Mineral Point, Wisconsin.

MISS MARGARET WATSON TO TEACH IN JAPAN: A note in mid-summer from Miss Margaret Watson requested us to change her address from State School for Blind, Raleigh, N. C., to her home at Elm City, N. C., as she expected to leave soon to teach in Japan, and did not yet have a complete address there.

BINOCULARS—We have just received from a Pacific coast importer an interesting free booklet, "How to Select Binoculars," with a list of what appears to be real bargains in imported field glasses, many of Zeiss design, made in occupied Japan by Japanese artisans trained by skilled German technicians sent to Japan during the war. If you are interested, the address is: D. P. Bushnell & Co., Importers, 43 E. Green St., Pasadena 1, California.

C. B. C. MEMBER MAKES TRIP AROUND THE WORLD: Mrs. R. D. ("Virginia") Douglas recently completed a trip 'round the world, on the way making a visit to her daughter, Mrs. Bruce W. Shoobridge, the former Helen Douglas, who lives at Kingston, Tasmania, Australia. Mrs. Douglas saw many interesting birds. A note dated April 1st, states: "Left Brisbane today and am going along the coast toward Sydney. Shall have to fly to Tasmania. For three weeks we were out of sight of land. Gatun Bay in the Canal Zone was lovely—strange flowers and birds, scores of Man-'o-war-birds near the canal. Jaegers are flying about the ship now. White-tailed Tropic-birds or "Bo'suns" are beautiful. Their elongated central tail feathers are like streamers in the wind . . ." Mrs. Douglas returned home by way of the Suez Canal, the Mediterranean Sea, and England.

AUDUBON SCREEN TOURS: During the present 1950-1951 lecture season, 140 cities throughout the nation are each enjoying a series of five lectures in the Screen Tours under the National Audubon Society's sponsorship. In all, some twenty nationally known lecturers—bird authorities, explorers, naturalists, expert photographers, conservationists all—are provided, and with about 350 special lectures in addition to the Screen Tours a total of 1,000 lectures must be provided during the current season. If your local club contemplates the possibility of sponsoring Audubon Screen Tours in your city during the 1951-1952 season, write to the National Audubon Society, 1000 Fifth Ave., New York 28, N. Y., for descriptions of the lecture-programs with colored moving pictures which they will present next season throughout the United States in communities of every size. February 1951 is the final month for decisions to participate in the 1951-1952 series.

BIRD SONG RECORDS: An album of songs of 72 American birds, recorded in woods, gardens, fields, and prairies, brought to your armchair in an album of six double-sized ten-inch vinylite records, with an announced identifying each songster, is a unique gift for nature-loving youngsters and grown-ups. The cost, $8.50, from Comstock Publishing Company, Roberts Place, Ithaca, N. Y. The Comstock Company also makes an album of four 10-inch records, "Voices of the Night,"

recordings of 26 kinds of frogs and toads of eastern North America, at $6.50 . . . "A Mockingbird Sings" is the title of a 12-inch double-faced vinylite recording of ten minutes of the best songs and imitations of a very unusual Mockingbird which has been observed for several summers in Massachusetts. This record, which is ideal for your own use or for a gift to a friend or school or nature group, is available for $2.50, from Massachusetts Audubon Society, 155 Newbury St., Boston 16, Mass. The price includes a circular on the Mockingbird, by Roger Tory Peterson, and a leaflet helping the listener to identify the various songs and calls on the record.

DUNN, N. C., MADE BIRD SANCTUARY: Mayor Ralph E. Hanna announced on August 12th, that the city board of commissioners had approved a request that Dunn be made a bird sanctuary. The request was made by the Woman's Club, with the active support of the Rotary and Lions Clubs and various other organizations . . . Apparently plans for establishing a bird sanctuary at High Point, N. C., were blocked at a city council meeting held September 5th, when Councilman Jesse Washburn remarked: "That sign (declaring High Point a Bird Sanctuary) would look awful funny saying, 'High Point, bird sanctuary with the exception of . . .' " Perhaps so, but Section 2 (Chapter 52½) of the ordinance of the City of Greensboro, N. C., establishing a bird sanctuary, reads about as follows: "It shall be unlawful to trap, hunt, shoot, or otherwise kill, within the sanctuary established by Section 1 of this Chapter, any wild bird provided that it shall be lawful to trap starlings or similar birds or fowls when such birds or fowls are found to be congregating in such numbers in a particular locality that they constitute a nuisance or a menace to health." Would this satisfy the Councilman?

AUDUBON JUNIOR CLUBS ARE EASY TO FORM.—School teachers and others in the Carolinas who are not already acquainted with the excellent material provided by the National Audubon Society, should make use of the aids—color plates of birds and mammals, outline drawings, illustrated bird leaflets, membership buttons and certificates, and a club magazine—"Audubon Junior Club News," besides a copy of "Audubon Teachers Guide," with 96 pages of information and activities for Audubon Junior Clubs. The junior clubs are organized on an international scale, including Canada, the United States of America, and Mexico, and so must be supplemented by material of state and local interest, but teachers of elementary grades and junior high schools will find the aids very valuable. Ten or more children of any age and an adult adviser constitute an Audubon Junior Club. The annual dues are 15c a member and $1.00 club registration fee. Clubs renewing from year to year receive different material each year. Proper application must be made to the National Audubon Society. Teachers who are interested should send a card or letter to National Audubon Society, 1000 Fifth Ave., New York 28, N. Y., with a request for application blank and full information regarding Junior Audubon Clubs. And how about passing along this information to your acquaintances who might be interested.

NEW EXECUTIVE COMMITTEE HOLDS FIRST MEETING IN GREENSBORO, N. C.: The new Executive Committee of Carolina Bird Club held its first meeting Saturday, June 3rd, at Caldwell School, Greensboro, N. C., to organize and make plans for the coming year. The following officers were present: Mrs. Margaret Y. Wall, B. R. Chamberlain, Mrs. Mary Guy, P. M. Jenness, Robert Overing, Miss May Puett, and Archie D. Shaftesbury. Reports were presented and some committee appointments were announced. A By-Laws Committee, composed of Frank Meacham, Raleigh, James R. Mattocks, High Point, and Mrs. Hugh L. Med-

ford, Greensboro, Chairman, is being asked to write the by-laws as early as convenient for presentation to the Executive Committee and then to all C. B. C. members for examination before the annual spring meeting.

Among other business conducted was the selection of some meeting places and dates. An early fall meeting of the Executive Committee was set for September 9th in Raleigh, N. C. An invitation from the Greenville, S. C., Bird Club to hold the Fall Meeting at Greenville, S. C., on October 14th and 15th, was accepted. A winter field trip in January or February 1951 to the Beaufort, N. C., region, with Dr. A. D. Shaftesbury in charge, was recommended. A spring field trip to the Wilmington, N. C., area was recommended, with Mrs.Cecil Appleberry and B. R. Chamberlain in charge. The annual meeting is to be held in Greensboro, N. C., in March 1951, and tentative arrangements include a Saturday afternoon session, with a dinner meeting that evening.

EXECUTIVE COMMITTEE MET IN RALEIGH, N. C., SEPTEMBER 9TH: A meeting of the Executive Committee of the Carolina Bird Club which was held September 9th at Raleigh, N. C., convened at 10:30 A. M. in the board room of the North Carolina State Museum and, after lunch, reconvened at 2:20 P. M. at the S. & W. Cafeteria. Attending were the following C. B. C. officers: Mrs. Margaret Y. Wall, Miss May Puett, J. W. E. Joyner, Robert Overing, Dr. A. D. Shaftesbury, Mrs. Mary Guy, and Mrs. Mary McLaurin. Also attending were the following who were present as representatives of various committees or of various local clubs: Mrs. W. C. Carr and Mrs. Edith Settan, Greensboro, N. C.; Mrs. E. G. Flannagan and Miss Garnette Myers, Henderson, N. C.; Mrs. Cecil Appleberry and John Funderburg, Wilmington, N. C.; and Frank Meacham, H. A. Olds and Harry Davis, Raleigh, N. C. Reports of officers and committees, and reports of local club work were presented, and numerous items concerning general policies of Carolina Bird Clubs were discussed. Several suggestions were made for the committee which is working on the new by-laws. Tentative plans for the fall and spring general meetings and for the winter and spring field trips were discussed, and Club President Mrs. Margaret Y. Wall was asked to send to all C. B. C. members a news letter with information notes and preliminary notice regarding the meetings and field trips.

C. B. C. MEMBERS AT MAINE AUDUBON NATURE CAMP: Four C. B. C. members, Misses Inez Coldwell and Virginia Harrison of Greensboro, N. C., Miss Sarah Lesley of Lake Junaluska and Greensboro, N. C., and Mrs. Mary H. Lockhart of Raleigh, N. C., each attended a two weeks' session during the past summer at the National Audubon Society's Nature Camp on Hog Island, in Muscongus Bay, near Medomak, Maine. Mrs. Lockhart was recipient of a camp scholarship given by the Raleigh Garden Club. C. B. C. President Mrs. Margaret Y. Wall, Greensboro, N. C., was again instructor in charge of Nature Activities during the entire ten-weeks session at the Maine camp. This camp, which has been in operation since 1936, is one of four camps maintained by the National Audubon Society, others being located in Connecticut, Texas, and California. The programs offered have for their primary objective the promotion of conservation and appreciation of our wildlife and other natural resources by providing special field courses for training adults professionally interested in schools, camping, museums, libraries, recreation and youth group activities or any phase of conservation, and for members of bird clubs, garden clubs, and others with non-professional interest in the out-of-doors and natural resource conservation. You or your clubs can make it possible for qualified local teachers or youth leaders to receive training at an Audubon Nature Camp by providing one or more scholarships. For dates and general information write to National Audubon Society, 1000 Fifth Ave., New York 28, N. Y.

New Members of Carolina Bird Club

Mrs. Fred Bartlett, Emerywood Estates, High Point, N. C.
Mrs. W. G. Bunch, 600 Hamilton Street, Roanoke Rapids, N. C.
Mrs. Ira C. Castles, 108 Ridge Lane, Chapel Hill, N. C.
Mrs. John S. Childers, 404 Hospital Ave., Lenoir, N. C.
F. D. Conderman, New Bern, N. C.
Miss Bessie Mae Cowan, 412 Armfield St., Statesville, N. C.
Frank Crane, 802 Williamson Drive, Raleigh, N. C.
Paul E. Crosby, 220 E. Main St., Spartanburg, S. C.
Mrs. McBride Dabbs, Route 3, Mayesville, S. C.
Miss Sophie McBride Dabbs, Road's-End-in-the-Pines, Mayesville, S. C.
Mrs. Dorothy T. Dash, Carolwood, Rt. 4, Box 116, Fayetteville, N. C.
Mrs. E. F. Dermid, 520 E. Worthington Ave., Charlotte 3, N. C.
F. Marion Dwight, Poinsett State Park, Wedgefield, S. C.
Mrs. F. Marion Dwight, Jr., Poinsett State Park, Wedgefield, S. C.
Mrs. Curtis Edens, Jr., Dalzell, S. C.
Mrs. Curtis Edens, Sr., Dalzell, S. C.
Tommy Eleazer, 100 Strawberry Lane, Clemson, S. C.
Mrs. A. W. Evans, 210 S. Lynn Ave., Elizabethton, Tenn.
Mrs. Frank O. Fitzgerald, 106 E. Highland Ave., Kinston, N. C.
Mrs. Gay Flythe, Conway, N. C.
Mrs. Michael B. Fryga, Old Campobello Road, Gramling, S. C.
Mrs. Fanny Hayes, 1101 Hamilton St., Roanoke Rapids, N. C.
Mrs. Joe House, Sr., 201 Front St., Beaufort, N. C.
Mrs. Alfred Burman Hurt, Nathans Creek, N. C.
Mrs. Minnie Elizabeth Jenkins, 24 Baker St., Sumter, S. C.
Charlie Johnson, Daniel St., Kinston, N. C.
Mrs. Benjamin D. Kelly, 44 Carol Drive, Sumter, S. C.
Mrs. Reginald Kepler, 3610 Hathaway Road, Hope Valley, Durham, N. C.
Mrs. J. Perrin Lawson, 404 N. Purdy St., Sumter, S. C.
Jerry Mason, 778 Rutledge Ave., Charleston, S. C.
Mrs. Perry Moses, Sr., 214 Church St., Sumter, S. C.
Mrs. Dolores M. Neiman, No. 2 Shelor Apts., Sumter, S. C.
Mrs. Allan Northend, 509 Pritchard Ave., Chapel Hill, N. C.
Miss Margaret A. Pitcher, R.F.D. 1, Londonderry, Vt.
Mrs. Anne W. Richardson, 188 Queen St., Charleston, S. C.
Mrs. G. L. Buist Rivers, 7 Orange St., Charleston, S. C.
Thomas P. R. Rivers, 7 Orange St., Charleston, S. C.
A. C. Robertson, Route 1, Box 197, Charleston, S. C.
Mrs. A. C. Robertson, Route 1, Box 197, Charleston, S. C.
Mrs. S. W. Rumph, Sumter, S. C.
V. D. Sanchez, 404 W. Trade St., Charlotte, N. C.
Mrs. Elizabeth R. Satcher, 346 Broad St., Augusta, Ga.
Miss Laura Sumner, Franklinville, N. C.
Miss Fannie G. Sutton, 112 E. Capitola Ave., Kinston, N. C.
Mrs. Walter W. Thompson, Road's-End-in-the-Pines, Mayesville, S. C.
D. A. Tillinghast, 309 E. Faris Road, Greenville, S. C.
Edward S. Tillinghast, Box 900, Greenville, S. C.
Dr. W. P. Walker, Brierwood Road Ext., Route 5, Spartanburg, S. C.
Mr. Connie N. Watts, Organizer, Dixie Martin-Bluebird Co-operative Club, Baldwin, Georgia.
B. F. Williams, Lenoir, N. C.
Mrs. B. F. Williams, 204 W. Harper Ave., Lenoir, N. C.
Mrs. M. M. Young, 348 W. Hampton Ave., Spartanburg, S. C.

(Notifications of correction or change of address should be sent to: Dr. Archie D. Shaftesbury, Editor *The Chat*, W. C. U. N. C., Greensboro, N. C.)

Local Clubs and Their Officers—North Carolina

Chapel Hill Bird Club: P—Mrs. Lynn Gault, Box 1058; V-P—Richard L. Weaver; S-T—Mrs. Matt L. Thompson, Box 88.

Charlotte, Mecklenburg Audubon Club: P—Mrs. George C. Potter, 2111 Malvern Rd.; V-P—Mrs. H. W. Kilpatrick; S—Mrs. B. D. Hendrix, 1615 Oaklawn; T—B. R. Chamberlain; Publicity Chmn.—Miss Clara Burt.

Greensboro, Piedmont Bird Club: P—Mrs. W. C. Carr; V-P—Miss Harriet Mehaffie and Hal Strickland; Cor. S—Miss S. Ann Locke; Rec. S—Miss Annabel Thompson; T—Mrs. E. J. Fillinger; Ex. Comm.—Officers and Mrs. H. L. Medford and Mrs. George A. Perrett.

Henderson Bird Club: P—Miss Garnette Myers; V-P—Miss Sallie Garlick; S-T—Miss Elizabeth Fox.

Hickory Bird Club: P—Mrs. George E. Bisanar; V-P—Mrs. W. J. Shuford; S-T—Mrs. George Warlick; Reporter—J. Weston Clinard.

High Point, Catesby Bird Club: P—James R. Mattocks; S—Mrs. Chester C. Haworth; T—Mrs. John C. Siceloff.

Lenoir Audubon Club: P—R. T. Greer; V-P—S. B. Howard; S-T—Mrs. R. T. Greer, Box 813; Publicity Chm.—Miss Margaret Harper.

Lumberton Bird Club: P—James Stephens, Jr.; V-P—Mrs. Henry McKinnon; S—Mrs. D. L. Whiting; T—Miss Lillian Whiting.

Raleigh Bird Club: P—Hayden Olds, Wildlife Resources Commission; V-P—R. L. Deaton; S-T—F. B. Meacham, State Museum; Ex. Comm.—Officers and Miss Gladys Currin and Mrs. Albert Guy.

Roanoke Rapids Bird Club: P—Miss Sara Cannon, 538 Hamilton St.; V-P—Miss Marjorie Cannon; S-T—Lydia Deyton, Box 365.

Southern Pines Bird Club: P—Mrs. Cecil Robinson; V-P & S—Miss Louise Haynes, Box 660; T—Miss Norma Shiring; Rec. S—Mrs. Lloyd Prime.

Tarheel Bird Club: P—Vaughn Brock, Hickory, N. C.; S-T—Miss Olwyn Owens, Rt. 3, Box 160-B, Kannapolis, N. C.; Historian—Mrs. Andrew Smith, Morganton, N. C.

Tryon Bird Club: P—Mrs. Arthur W. Brintnall; S-T—Mrs. Thomas Clark; Publicity Chm.—Mrs. H. Lan Moore.

Wilmington Natural Science Club: P—Mrs. Cecil Appleberry, 5 Lake Forest Parkway; V-P—Mrs. Warwick Baker; T—Charles F. Theobald; S—Miss Edith Chamberlain, James Walker Memorial Hospital.

Wilson Woman's Club, Garden Dept.: Chm.—Mrs. C. A. Webster, 202 Park Ave.; Miss Camilla Wills; Mrs. Will Rhodes.

Winston-Salem Bird Club: P—Henry Magie; S-T—Wm. S. Rothrock, 2434 Stockton St.; Directors—Charles Babcock, Thurmond Chatham, Jr., Richard J. Reynolds, II.

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Columbia Bird Club: P—Mrs. Clyde Sisson; V-P—Gilbert J. Bristow; S—Mrs. J. L. Gibbons, 720 Brandon Ave.; T—Fred Sample; Ex. Comm.—Officers and G. E. Charles.

Greenville Bird Club: P—Miss May W. Puett; V-P—P. M. Jennes; S-T—Miss Rosa Lee Hart.

The Chat

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The Chat

BULLETIN OF CAROLINA BIRD CLUB, INC.

DR. ARCHIE D. SHAFTESBURY, *Editor*
Woman's College of the University of North Carolina, Greensboro, N. C.

B. RHETT CHAMBERLAIN, *Associate Editor*, Route 1, Matthews, N. C.

Contributing Editors: Mrs. Edna Lanier Appleberry, Wilmington, N. C.; Mrs. A. W. Bachman, Henderson, N. C.; Gabriel Cannon, Spartanburg, S. C.; E. B. Chamberlain, Charleston Museum, Charleston, S. C.; Mrs. Edwin O. Clarkson, Charlotte, N. C.; J. W. Clinard, Hickory, N. C.; Harry T. Davis, N. C. State Museum, Raleigh N. C.; John B. Funderburg, Wilmington, N. C.; Mrs Charlotte Hilton Green, Raleigh, N. C.; Miss Clara Hearn, Pittsboro, N. C.; Mrs. Zora P. Jensen, Maple City, Mich.; Joe Jones, Chapel Hill, N. C.; J. W. E. Joyner, Rocky Mount, N. C.; Henry Magie Winston-Salem, N. C.; James Mattocks, High Point, N. C.; Hugh Medford, Jr., Greensboro, N. C.; Rev. J. J. Murray Lexington, Va.; Oscar H. Paris, Jr., Greensboro, N. C.; Prof. Phillips Russell, Chapel Hill, N. C.; Mrs. Clyde Sisson, Columbia, S. C.; Dr. Wesley Taylor, Greensboro, N. C.; Mrs. Eddie W. Wilson, Los Angeles, Calif., and Cary, N. C.; Robert L. Wolff, Goldsboro, N. C.; D. L. Wray, Raleigh, N. C.

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SECRETARY ..... Mrs. Mary M. Guy, 2609 Ashland St., Raleigh, N. C.
TREASURER ..... Robert Overing, Rt. 4, Raleigh, N. C.
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Fall Meeting Held at Greenville, S. C.

About seventy Carolina Bird Club members attended the fall meeting held at Greenville, S. C., October 14th and 15th, and all report a most enjoyable meeting. The host club, the Greenville Bird Club, and its president, Miss May Puett, certainly did a splendid job of planning the meeting. Saturday afternoon arrivals made a brief field trip to Paris Mountain State Park, near Greenville. This field trip and the Sunday morning excursion were in charge of P. M. Jenness, Greenville, S. C.

Carolina Bird Club President, Mrs. Margaret Y. Wall, Greensboro, N. C., presided at the dinner meeting held Saturday evening at the Ottaray Hotel, and also at the formal meeting which followed the dinner. Mayor J. Kenneth Cass of Greenville, and P. M. Jenness of the Greenville Bird Club welcomed the visiting members, and a response was given by R. T. Greer, Lenoir, N. C. Colored moving pictures of Redwings, Hummingbirds, and Winter Birds were shown, and Dr. A. D. Shaftesbury, Greensboro, N. C., showed colored moving pictures which he took at the 1950 spring meeting at Charleston, S. C.

Charlotte Hilton Green Describes Trip to Alaska

The feature address at the Saturday night meeting was given by Mrs. Charlotte Hilton Green, nationally known nature writer from Raleigh, N. C. Mrs. Green gave a description of a trip which she took to Alaska last summer, which took her through northern Michigan, where she visited former N. C. B. C. President, Mrs. O. F. Jensen, who sent greetings to the C. B. C. From Michigan, Mrs. Green headed into the lake region of Wisconsin and Minnesota and into the Canadian provinces, visiting, among other places, Calgary, Banff, Lake Louise, and Glacier Park, and seeing along the way much of interest to a naturalist and birder, including Yellow-headed Blackbirds, Phalaropes, Longspurs, and Bohemian Waxwings, and a Kinglet's nest. From Seattle, Mrs. Green went to Alaska by boat through the inland passage, and from Juneau into the open Pacific across the Gulf of Alaska. About 50 Black-footed Albatross followed the ship for a day in the Gulf. A train trip was made from Seward to Anchorage, and an interesting night was spent at the Eskimo village Kotzebue. An airplane trip was made over the Arctic Circle and across the international date line, in sight of the Siberian coast. Among interesting birds seen were Siberian Yellow Wagtails, and Hoary Redpolls. During the trip Mrs. Green saw five species of gulls which she had not previously observed, including Glaucous, Glaucous-winged, Short-billed, Heerman's, and Sabine's. Although she had made two previous trips into Canada, she saw during this summer's travels 37 species of birds which she had not previously seen.

Among those signed up for the Greenville meeting were the following out-of-town C. B. C. members: Mr. and Mrs. A. C. Robertson, Charleston, S. C.; Miss Sarah Nooe, Miss Laura Owens, and Mrs. George C. Potter, Charlotte, N. C.; Mrs. Jesse L. Gibbons, Miss Hallie Overton, Fred Sample, and Mrs. Clyde Sisson, Columbia, S. C.; Mrs. William H. Faver, Eastover, S. C.; Mrs. Z. V. Conyers, Miss Ethel McNairy, Dr. and Mrs. A. D. Shaftesbury, and Mrs. Margaret Y. Wall, Greensboro, N C.; Mr. and Mrs. J. Weston Clinard, Hickory, N. C.; Miss Sarah Lesley, Lake Junaluska, N. C.; Mrs. Dora T. Cloninger, Mr. and Mrs. R. T. Greer, Mr. and Mrs. Charles E. Lovin, Jr., and Mrs. C. S. Warren, Lenoir, N. C.; B. Rhett Chamberlain and Norman Chamberlain, Matthews, N. C.; Mrs. A. B. Hunt, Nathan's Creek, N. C.; Mrs. Paul P. Brown, Mrs. Charlotte Hilton Green, Mrs. Mary Guy, Mr. and Mrs. Robert Overing, Barnett Spratt, and Mrs. J. W. Whitener, Raleigh, N. C.; Miss Flora Beymer, Gabriel Cannon, Miss Louisa Carlisle, Miss Ruth Crick, Spartanburg, S. C.; Mrs. Lyman Quincy, Sumter, S. C.; Miss Nell Anderson, Miss Jo Ann Coleman, Robert Coleman, Miss Ruth Gilreath, Miss Gladys Hart, Miss Rosa Lee Hart, and Mac Styles, Travelers Rest, S. C.; and Mr. and Mrs. F. Marion Dwight, Poinsett State Park, Wedgefield, S. C.

Dave Tillinghast Describes Sunday Morning Activities

The following, which is part of David A. Tillinghast's column, "Observers of a Feather Flock Together Here," in the October 17 issue of *The Greenville Piedmont*, tells the story of Sunday morning's activities which, for the non-working members, started with a 6 o'clock breakfast at Sulphur Springs in Paris Mountain State Park.

"Well, some of the folks who left the Ottaray Hotel as late as 11 o'clock Saturday night to go home as far as Travelers Rest, were busy the next morning at 5 o'clock, sweeping out the Sulphur Springs shed, covering the tables with clean paper and undertaking the kind of breakfast that outdoor people can consume and do consume on such an occasion.

"Just about 10 people, most of them lady birders, met that 5 a. m. formation. They were not only there themselves but they brought the makings of that breakfast, all the way from wood and charcoal to jam and jelly.

"By 6 o'clock when the non-working but hungry contingent rolled up, there was the smell of bacon and coffee all around and even though something went dark with the lights, the job was finished by flashlight and the natural light of a beautiful breaking dawn.

"Bacon, eggs and toast never tasted better to me; and coffee, it was as much out of this world as that beautiful morning. I tasted some blackberry jam that came off somebody's private preserves shelf and I know it.

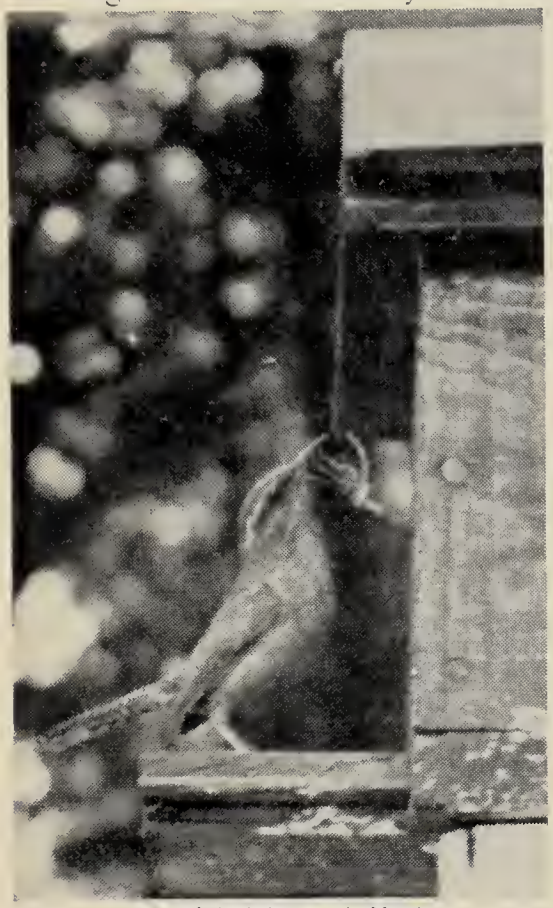
"Soon after seven in a perfect setting of October sunshine, which put life into the exquisite foliage colorations, the trails of the park were filled with traffic and the morning look for birds was on. The weather was marvelous though the birds were hard to find, which is expected in the fall.

"Don't get the idea that bird looking is all done by teen-agers with the durability of youth or a bunch of modern Daniel Boones. A majority of those who were lifting binoculars to the treetops were women, and while it would be inappropriate to mention age, some of Greenville's visitors who came here to talk and see birds have been at it quite a while. And they don't want to be called brave souls either as they ask no quarter and go anywhere for a look at a feathered object that anybody else does.

"In that connection, I recalled the remark that our mayor made in greeting the group. He said he had never seen such a happy assemblage. He was right. No more real fellowship, good will, sportsmanship, is to be found anywhere than among a bunch of birders. They are genuine folk."

Bewick Wrens Build Nest at Winston-Salem, N. C.

I would like to report that I identified a pair of Bewick's Wrens on May 31, 1950, in Winston-Salem, N. C. Both birds were engaged in building a nest in the back yard of R. N. Bunn, 2020 Charles Street, this city. Mrs. Bunn informed me that she first learned that the birds were building on May 30, when her children came to her with the news.



Bewick Wren at Nest
(From photograph by R. H. Witherington)

I saw the birds quite by accident. I was talking to a client of my company when I saw one of the Wrens fly by and alight in a grapevine nearby. I asked my client if she had noticed this particular bird in her yard before and she replied that she thought it was a bird that was building in a box in her neighbor's back yard. From a concealed position within 20 feet of the box I observed both birds carrying straw into the box for thirty minutes. Identification was simple as the birds were quite unafraid. Children were playing in the yard within 10-15 feet of the box. The white in the tail appeared as "bars" when the bird was not flying. The male would stop in a cherry tree overhead to sing its song once or twice before flying off for more nesting material. Each bird ran along under the eaves and in and out of several old unpainted outbuildings near the nest.

The nest almost entirely filled the box when completed. The box was about seven feet from the ground and was mounted on a clothes line post.

I returned to the nesting site in the afternoon of May 31st and took several pictures with a 35-mm. camera. One good photo was obtained from a distance of about five feet. The birds seemed to know of my presence but continued to enter their box unless I made myself too evident.

According to Mr. and Mrs. Bunn, the birds continued to occupy the yard for about ten days and then they disappeared. Upon examination of the nest on June 29th, one egg was found in the nest and was taken by me.

Spider webs covered the entrance at that time.

As far as I know the Bewick's Wren has not been observed here before during the nesting season. I observed this bird once before during winter at Elkin, N. C., a distance of 38 miles to the west. Dr. Thomas W. Simpson of this city informs me that he observed one of these birds during the spring migration of this year. This is the only other observation of this bird in Winston-Salem to my knowledge.

(August 4, 1950) Robert H. Witherington, Winston-Salem, N. C.

Local Club News

B. R. Chamberlain, Rt. 1, Matthews, N. C.

LENOIR, N. C.: On the afternoon of October 18, the Lenoir Audubon Club enjoyed a hike in Burke County, at the home of Mr. and Mrs. S. B. Howard. Bird observation groups were led by Mr. Howard and by Mrs. C. S. Warren. Spanish stew before a blazing open fire and an enjoyable social hour followed the hiking. At the November meeting of the Lenoir Audubon Club, held on the evening of the 7th at the home of Mr. and Mrs. R. T. Greer, Mrs. Fred May discussed Cedar Waxwings. Mrs. Rose Powell and Mrs. C. S. Warren gave a report of the recent fall meeting of the Carolina Bird Club at Greenville, S. C., and Mrs. Greer read interesting accounts of the meeting, from Greenville newspapers. Plans were discussed for having an Audubon speaker for the February meeting, and an informal discussion was conducted on bird life.

W. L. McAtee to Live in North Carolina

North Carolina in particular and Carolina Bird Club in general are fortunate indeed that, recently, there has come as a resident to the state, one of the great contemporary ornithologists of the country. The prodigious work of W. L. McAtee, through many years of connection with the then U. S. Biological Survey, now the Fish & Wildlife Service is paralleled by no other. Long a resident of Washington, D. C., then Chicago, Mr. McAtee retired a few years ago after a service of illustrious record. Always favorably inclined toward Southern living and the South, he has now settled in Chapel Hill, and resides at 3 Davie Circle.

Though his chosen field has always been ornithology, his voluminous writings have proved that he is, by no means, limited to that branch of the natural sciences. Botany, entomology, mammalogy and herpetology flow from his prolific pen with equal ease and erudite understanding. Folklore, dialect and homespun humor are combined in others. Among a wide friend-

ship and acquaintance, he has always taken his place as a raconteur of high ability, and, in certain circles of the American Ornithologists' Union, a room meeting without McAtee and his contributions, was not a meeting at all!

We welcome him to Carolina; we congratulate ourselves on his being in our midst, and trust that he will find his choice of residence all he has hoped and expected. It is hoped that the pages of *The Chat* will carry many an observation by him on avian, furred and scaled neighbors for which he has worked all of his life.

Field Notes and News

GADDY'S GOOSE REFUGE, ANSONVILLE, N. C.: At least 1,000 Canada Geese have arrived since yesterday. The first ones, 22 in number, came in on September 25. There are around 2,000 here now. There are also one immature Blue Goose, one immature Baldpate, one Redhead, and one Ringneck.
(October 26, 1950) MR. AND MRS. LOCKHART GADDY

WHITE-CROWNED SPARROWS OBSERVED NEAR STATESVILLE, N. C.: I wish to report the finding of a pair of White-crowned Sparrows on May 7, 1950, at Rev. J. H. Pressley's farm, about one mile east of Statesville, N. C. The sparrows were seen again on May 10, but have not been seen since. Though I am a fairly new hand in the field of ornithology I feel positive of my identification. On one occasion I approached to within feet of the birds.
(June 1, 1950) JOSEPH M. HESTER, M.D.

KENTUCKY WARBLER'S NEST OBSERVED AT MT. OLIVE, WAYNE COUNTY, N. C.: Today, June 6, 1950, I found a Kentucky Warbler's nest, with three young birds, well hidden on the ground under a clump of lady fern. The Kentucky Warbler can be found in good numbers in the swamps of this area, at least from late April through June, and I have frequently seen birds carrying nesting material, but this is the first nest I have been able to locate, and so far as I know, it is the first Kentucky Warbler nest to be found in the coastal plain section of North Carolina.

BOB HOLMES III, Mount Olive, N. C.

KENTUCKY WARBLER'S NEST SEEN AT GREENSBORO, N. C.: On Sunday, May 21, 1950, while on a bird trip in a swamp woods at the home of Chas. Swart, near Greensboro, Mrs. Archie D. Shaftesbury flushed a small bird from a nest and discovered the nest on the ground, well hidden at the base of two 2-foot sprouts of beech and elm in the middle of an old abandoned woods road. The nest, which was observed also by Mrs. Margaret Y. Wall, Mr. and Mrs. Swart, and myself, held three small cream-white eggs, each with a wreath of brownish markings around the larger end. The Swarts examined the nest Monday, May 22, and found four eggs. These eggs were not yet hatched on Friday, June 2. Mrs. Shaftesbury and I visited the nest again on Sunday, June 4th, and found four young birds in the nest. On June 4th and 5th we got good views of the parent Kentucky Warblers whose shyness had made identification difficult. On Wednesday, June 6th, I took moving pictures of the nest and young, but was unable to get pictures of either parent.

A. D. SHAFTESBURY

PAINTED BUNTINGS OBSERVED IN RICHLAND COUNTY, S. C.: On June 2nd, 1950, I saw a female Painted Bunting near Columbia, in Richland County, S. C. On July 27th, J. H. Fowles saw a male near the place where I first saw the female. Later I also saw immatures. A record on July 18th, 1944 (in Lexington County) is the only other record on our Lexington-Richland County Check List, compiled by the Columbia Bird Club. As this is written, August 23rd, they are still here.

Mrs. Clyde Sisson, Columbia, S. C.

SPARTANBURG, S. C.: *Song Sparrows*—For the past two years I have heard Song Sparrows here during the latter part of the summer. This summer I have seen and heard them in four different sections of the city. I have found no nests, but on June 7th I saw two immature Song Sparrows in our back yard.

Horned Larks—Horned Larks were seen late in May at the airport about six miles from Spartanburg. No nest was found, since we were not permitted to go out across the open area where the birds seemed to stay most of the time, but adult birds have been seen on many occasions, the last being August 27th.

(August 29, 1950)

Ruth Crick, Spartanburg, S. C.

With the Editor

THE BEAUFORT, N. C.-CAPE LOOKOUT FIELD TRIP.—Over twenty-five Carolina Bird Club members have signed up for the coastal North Carolina winter field trip which, as was announced in the September issue of *The Chat*, is to be held on the week end of January 27. Chairman for the trip, Dr. Archie Shaftesbury, has sent details to those who requested information regarding the trip. It is hoped that Ellison Williams and E. B. Chamberlain, of Charleston, S. C., will be among those present.

ORGANIZER OF THE DIXIE MARTIN-BLUEBIRD CLUB IS C. B. C. MEMBER: Mr. Connie Watts, Baldwin, Georgia, organizer of The Dixie Martin-Bluebird Co-operative Club, the only one in the world organized for the benefit of birds that live in gourds and boxes, is now a member of Carolina Bird Club. We have previously made mention of Mr. Watts "Bluebird Trail" idea for U. S. Highway 23 from Florida to Canada. We will be glad to publish further information regarding his club and the Bluebird Trail idea as well as some of his other experiences in bird protection.

THOMAS W. SIMPSON, M.D., who has recently contributed some of his North Carolina bird observations to *The Chat*, came to Winston-Salem, N. C., a year or so ago and is associated with the Bowman Gray School of Medicine at Winston-Salem. Both the Doctor and Mrs. Simpson are bird-watchers and intend to participate as much as possible in the local activities. The Simpsons are particularly interested in the bird life of the Blue Ridge Mountains, and within recent years, have had opportunities for bird study along the south Atlantic coast, the lower Mississippi valley, and the San Francisco Bay area. Ornithologically speaking, Dr. Simpson caught a fleeting glimpse of Guam, the Philippines, Okinawa, and Japan during World War II, and more recently has spent two months in the Dominican Republic with a medical survey group.

In Memoriam

GRACE C. ANDERSON

October 6th marked the passing of Miss Grace Anderson, at Statesville, N. C., after a brief illness. Miss Anderson was a native of Statesville, a daughter of the late Dr. and Mrs. T. E. Anderson. Surviving are a sister and two brothers, Miss Ina Anderson and Thomas H. Anderson, of Statesville, and Dr. Alan R. Anderson, Freeport, L. I., New York. Miss Grace formerly taught English and expression at Mitchell College, Statesville, and as civic leader and as a keen observer of nature she contributed much of value to the state of North Carolina. For some months in 1942, until the death of her mother, Miss Anderson served as president of the North Carolina Bird Club. During the past several years she has made numerous valuable bird observations and records, and from the beginning of the North Carolina Bird Club in 1937 she has been an active worker in many phases of this club's work, especially with the development of bird sanctuaries in connection with the rehabilitation program at military hospitals during World War II.

Following is a tribute to Miss Grace Anderson, written by her fellow townsman, John R. McLaughlin:

"Miss Grace Anderson, our first citizen, ardent lover of birds, of running brooks, of woods, of flowers, of green meadows, of life . . . Deeply attached to her ancestral home, with a clear, eager, retentive mind, stored with richest treasures gathered from tomes of all languages, animated by highest ideals, moving among us with unobtrusive step, with ready ear and watchful eye to catch all the harmonies . . . Contributing to the uplift of this her loved town, with kindly smile and greeting welling out of a perennial fountain, so ample in its compass as to include every worthy man, woman and child . . . Rendering homage wherever she recognized the abode of honor . . . Measuring her own and every life by the one gauge of inflexible integrity . . . Possessing a mind of such grasp, and a character of such purity and transparency, upon which a pilgrimage of few years had cast no stain, she was the very embodiment of honor to all who knew her.

" 'Miss Grace' was a child of nature. She was a student of people and books. She was familiar with the dusky tomes of literature, but she was more at home in the forest, by green meadows and babbling brooks, where she listened to the song of the birds, and studied the great book of Nature.

"She early made a study of bird life and ranked as an authority among naturalists. She knew the birds, their calls and songs, their habits, where, when, how they built their nests and the eggs they laid and hatched. She knew the trees, the flowers and other beautiful things of nature. She loved to be among them and to talk about them to appreciative listeners.

"A lady of ability, a student and a thinker, she stood high in her community. As one clean and upright and conscientious, as a citizen she contributed liberally of time and money for the upbuilding of her community and the state and in behalf of the public welfare. Those to whom she gave her friendship were her devoted and loyal friends. From her they received much. Here was a lady! Respected and honored by all who know her, she had so lived that she earned the love and admiration which is always the reward of friends."

AUDIO-VISUAL MATERIAL FOR CLUBS AND CLASSES—is listed in the Audubon "Audio-Visual Catalog," which includes moving pictures for rent and colored 2x2 slides for sale. Send 10c with your request for the catalog to: Photo and Film Department, National Audubon Society, 1000 Fifth Ave., New York 28, N. Y.

Membership List, Carolina Bird Club, November, 1950

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LIFE MEMBERS

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248 Ridgewood Ave., Charlotte 4, N. C.
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Edward T. Cone,
1030 Summit Ave., Greensboro, N. C.
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264 Ridgewood Ave., Charlotte 4, N. C.

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†Miss Grace Anderson, Statesville, N. C.
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Mrs. S. Herbert Brown,
7 Westwood Road, Biltmore, N. C.
Mrs. Charles A. Cannon,
Box 946, Concord, N. C.
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Station A, Spartanburg, S. C.
John F. A. Cecil,
Biltmore House, Biltmore, N. C.
B. Rhett Chamberlain,
Rt. 1, Matthews, N. C.
M. L. Church
1626 Queens Rd., West, Charlotte 7, N. C.
Mrs. Gordon H. Clark, 5433 Woodcrest Dr.,
Minneapolis 10, Minn.
Harold E. Correll,
P. O. Box 466, Spartanburg, S. C.
Harry T. Davis,
N. C. State Museum, Raleigh, N. C.
Mrs. Harry T. Davis,
102 Logan Court, Raleigh, N. C.
L. C. Gifford, Hickory, N. C.
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113 Tradd St., Statesville, N. C.
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1504 Lindy Ave., Rocky Mount, N. C.
Virgil Kelly,
212 Highland Ave., Fayetteville, N. C.
A. M. Law, Box 427, Tryon, N. C.
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455 W. Harper Ave., Lenoir, N. C.
Mrs. C. E. Lovin, Jr.,
455 W. Harper Ave., Lenoir, N. C.
Mrs. James L. McLaurin,
Box 392, Washington, N. C.
Mrs. C. D. Maffitt,
219 South Fifth St., Wilmington, N. C.
Dr. Z. P. Metcalf, Box 5215, Zoology
Dept., State College Sta., Raleigh, N. C.
Mrs. H. Lan Moore,
P. O. Box 907, Tryon, N. C.
Harry C. Northrop,
1568 Stanford Place, Charlotte 7, N. C.
Miss May Puett,
Box 2183, Greenville, S. C.
D. Hiden Ramsey,
58 Woodland Road, Asheville, N. C.
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Thomas E. Street, Weather Bureau,
Box 958, Greensboro, N. C.
Mrs. Margaret Y. Wall,
6 Springdale Court, Greensboro, N. C.
Robert L. Wolff, Box 294, Greenville, N. C.
Samuel C. Wortham,
710 Country Club Dr., Greensboro, N. C.

ACTIVE MEMBERS

Walter S. Adams,
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330 Irvin St., Reidsville, N. C.
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2100 Roswell Ave., Charlotte 7, N. C.
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Box 467, Sunnybrae, Milford, Del.
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43 Prospect Parkway, Portsmouth, Va.
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528 Walnut St., Statesville, N. C.
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Dr. L. A. Andrew,
630 Reynolds Rd., Winston-Salem, N. C.
C. M. Appleberry, 5 Lake Forest
Parkway, Wilmington, N. C.
Mrs. Edna L. Appleberry, 5 Lake Forest
Parkway, Wilmington, N. C.
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220 W. Fisher Ave., Greensboro, N. C.
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107 Central Ave., Belmont, N. C.
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Box 24, Rich Square, N. C.
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Charles Henry Babcock, Jr.,
Box 3154, Winston-Salem, N. C.
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1030 South Garnett St., Henderson, N. C.
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State College Station, Raleigh, N. C.
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Terrace, Kansas City, Mo.
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Riverland Terrace, Charleston 43, S. C.
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W.C.U.N.C., Greensboro, N. C.
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Emerywood Estates, High Point, N. C.
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Bass Memorial Hospital, Tarboro, N. C.
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309 South York St., Gastonia, N. C.
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321 Court St., Utica, N. Y.
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6 Lone Pine Road, Biltmore, N. C.
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103 N. Oleander Ave., Goldsboro, N. C.
Dr. C. Dale Beers,
Box 328, Chapel Hill, N. C.
Fred W. Behrend,
322 Carter Blvd., Elizabethton, Tenn.
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510 South Poplar, Carbondale, Ill.
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126 Harris St., Rocky Mount, N. C.
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37 Legare St., Charleston 2, S. C.
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301 Beall St., Lenoir, N. C
Miss Isabell Bernhardt,
325 E. College Ave., Lenoir, N. C.
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P. O. Box 316, Greensboro, N. C.
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255 Elford Terrace, Spartanburg, S. C.
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305 W. Mulberry St., Goldsboro, N. C.
Miss Eunice Hemphill Borden,
202 Borden Apts., Goldsboro, N. C.
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115 Jeanette Ave., Henderson, N. C.
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121 W. Park Ave., Charlotte, N. C.
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2218 Hopedale Ave., Charlotte, N. C.
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1546 Iredell Drive, Raleigh, N. C.
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Mrs. E. M. Brown,
140 E. Main St., Washington, N. C.
Mrs. James L. Brown,
103 W. Depot St., Concord, N. C.
Mrs. Paul P. Brown,
1805 St. Marys St., Raleigh, N. C.
Dr. Roy M. Brown,
Box 705, Chapel Hill, N. C.
Miss Alma Browning,
W.C.U.N.C., Greensboro, N. C.
Dr. Carl W. Buchheister,
1000 Fifth Ave., New York 28, N. Y.
Mrs. W. G. Bunch,
600 Hamilton St., Roanoke Rapids, N. C.
Miss Annie Gray Burroughs,
Rt. 4, Henderson, N. C.
Miss Clara Burt,
2218 Sarah Marks Ave., Charlotte 3, N.C.
Miss Carrie Burton,
554 N. William St., Henderson, N. C.
Mrs. K. L. Burton,
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John Carr,
106 S. Tremont Drive, Greensboro, N. C.
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J. H. Carson,
1205 Biltmore Drive, Charlotte 4, N. C.
Miss Ruth Carter,
737 N. William St., Henderson, N. C.
Mrs. H. E. Casstevens,
621 Woodland Drive, Greensboro, N. C.
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108 Ridge Lane, Chapel Hill, N. C.
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Museum, Charleston 16, S. C.
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Rt. 1, Matthews, N. C.
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1551 Haywood Road, Asheville, N. C.
W. H. Chance,
830 Arbor Road, Winston-Salem, N. C.
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Mrs. Frank W. Chandler,
215 Hasell St., Sumter, S. C.
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1001 Johnson St., High Point, N. C.
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202 W. Ashe Ave., Lenoir, N. C.
Mrs. Rhett Clark,
2719 Preston St., Columbia, S. C.
Miss Rosamond Clark,
Box 269, Statesville, N. C.
Mrs. S. N. Clark, Tarboro, N. C.
Mrs. Thomas Sanders Clark,
Box 382, Tryon, N. C.
Edwin O. Clarkson,
248 Ridgewood Ave., Charlotte 4, N. C.
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1531 20th St., Hickory, N. C.
Mrs. J. Weston Clinard,
1531 20th St., Hickory, N. C.
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1942 E. 7th St., Charlotte 4, N. C.
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210 W. Fisher Ave., Greensboro, N. C.
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303 S. Mulberry St., Lenoir, N. C.
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102 Parkview Dr., Fayetteville, N. C.
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412 Armfield St., Statesville, N. C.
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201 Piedmont Bldg., Greensboro, N. C.
Mrs. Floyd H. Craft,
201 Piedmont Bldg., Greensboro, N. C.
William Hugh Craft,
201 Piedmont Bldg., Greensboro, N. C.
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729 Eastern Ave., Rocky Mount, N. C.
Frank Crane,
802 Williamson Dr., Raleigh, N. C.
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145 S. Hollywood, Daytona Beach, Fla.
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151 N. Fairview Ave., Spartanburg, S. C.
Mrs. C. C. Crittenden,
1537 Caswell Drive, Raleigh, N. C.
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Box 816, Chapel Hill, N. C.
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1407 E. North St., Greenville, S. C.
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1546 Iredell Drive, Raleigh, N. C.
E. E. Culler, Jr.
3630 Verner St., Columbia, S. C.
Miss Emily Culler,
345 Glover St., S. E., Orangeburg, S. C.
E. R. Cuthbert,
Box 328, Summerville, S. C.

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538 Hamilton St., Roanoke Rapids, N. C.
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Oxford Road, Henderson, N. C.
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Mrs. Dorothy T. Dash, Carolwood,
Rt. 4, Box 116, Fayetteville, N. C.
C. R. Davant,
3312 Evans St., Morehead City, N. C.
Mrs. C. R. Davant,
3312 Evans St., Morehead City, N. C.
Mrs. M. A. Davis, Box 38, Newbury, N. H.
Philip H. Davis,
410 Chamberlain St., Raleigh, N. C.
Miss Zeta Davison, Timberlake Apts.,
1406 D, S. Main, Lexington, N. C.
Dr. Charlotte Dawley,
W.C.U.N.C., Greensboro, N. C.
Mrs. F. J. Tamble,
Box 1412, Winston-Salem, N. C.
R. L. Deaton,
2120 Cowper Dr., Raleigh, N. C.
Mrs. R. L. Deaton,
2120 Cowper Drive, Raleigh, N. C.
Mrs. E. F. Dermid, 520 E. Worthington Ave., Charlotte 3, N. C.
Jack F. Dermid, 520 E. Worthington Ave., Charlotte 3, N. C.
Mrs. Chester E. Dimick,
Box 806, Tryon, N. C.
G. O. Doak, Box 687, Chapel Hill, N. C.
Mrs. G. O. Doak, Box 687, Chapel Hill, N. C.
R. D. Douglas,
P. O. Box 406, Greensboro, N. C.
Mrs. R. D. Douglas,
P. O. Box 406, Greensboro, N. C.
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605 Bagley St., Greensboro, N. C.
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C. C. Duncan,
P. O. Box 3063, Winston-Salem, N.C.
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Mrs. F. Marion Dwight, Jr.,
Poinsett State Park, Wedgefield, S. C.
Miss Lelia M. Dye,
521 Ramsey St., Fayetteville, N. C.

James Early,
Club Park Road, Winston-Salem, N. C.
Mrs. Robert E. Early,
Box 203, Highlands, N. C.
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Mrs. Curtis Edens, Sr., Dalzell. S. C.
Mrs. Champion Edmunds,
62 Camp Alice Rd., Sumter, S. C.
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Box 126, Rocky Mount, N. C.
Tommy Eleazer,
100 Strawberry Lane, Clemson. S. C.
Harry Ellis, Rt. 1, Box 144, Toecane, N. C.
Dr. N. Thomas Ennett, Director, Carteret County Dept. of Health, Beaufort, N. C.
Mrs. N. Thomas Ennett,
305 Front St., Beaufort, N. C.
J. A. Eshelman,
905 Johnson St., High Point, N. C.
Mrs. J. A. Eshelman,
905 Johnson St., High Point, N. C.
Alex D. Estill,
3708 Blossom St., Columbia, S. C.
Mrs. A. W. Evans,
210 S. Lynn Ave., Elizabethton. Tenn.
Mrs. Lorena S. Evans,
Box 14, Annapolis, Md.
Mrs. E. G. Everritt,
Andrews Ave., Henderson, N. C.

Frank Fairley,
400 Charlotte Ave., Monroe, N. C.
Mrs. Frank Fairley,
400 Charlotte Ave., Monroe, N. C.
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32 Buena Vista Road, Biltmore, N. C.
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323 Hillsboro St., Raleigh, N. C.
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71 Lebanon St., Hanover, N. H.
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240 Chevasse Ave., Henderson, N. C.
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700 M Ave., West Columbia, S. C.
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120 St. John, Darlington, S. C.
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623 Oaklawn Ave., Winston-Salem, N. C.
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Old Campobello Road, Grambling, S. C.
David H. Fuller,
902 Chestnut St., Lumberton, N. C.
John B. Funderburg,
1211 Fourth St., Wilmington, N. C.
J. W. Furness,
76 N. Griffing Blvd., Asheville, N. C.
James Furr,
709 West Howell, High Point, N. C.

Lockhart Gaddy, Ansonville, N. C.
Mrs. Lockhart Gaddy, Ansonville, N. C.
Robert Martin Gaines,
104 Phillip St., Tarboro, N. C.
Mrs. Robert Martin Gaines,
104 Phillip St., Tarboro, N. C.
W. E. Gaines,
228 Halcyon Ave., Winston-Salem, N. C.
Col. Fred H. Gallup,
1800 Beverly Drive, Charlotte 7, N. C.
Mrs. F. H. Gallup,
1800 Beverly Drive, Charlotte 7, N. C.
Miss Sallie Garlick,
420 Burwell Ave., Henderson, N. C.
G. M. Garren,
361 Hendersonville Rd., Biltmore, N. C
Miss Thelma Garriss,
518 Roanoke Ave., Roanoke Rapids, N. C.
C. C. Garvin, 614 Powhatan Place. N. W.,
Washington 11, D. C.
Miss Mariel Gary,
Box 108, Henderson, N. C.
Mrs. Lynn Gault,
Box 1058, Chapel Hill, N. C.
Mrs. J. I. George,
801 College St., Kinston, N. C.
Mrs. Jesse L. Gibbons,
720 Brandon Ave., Columbia, S. C.
Robert Henry Gibbs, Jr., 114 West
Thornapple St., Chevy Chase 15, Md.
Miss Sara Giddens,
306 W. Mulberry St., Goldsboro, N. C.
Mrs. T. C. Gill, Rt. 1, Kittrell, N. C.
Miss Ruth Gilreath, Travelers Rest, S. C.
Karl Ginter,
260 Ridgewood Ave., Charlotte 4, N. C.
Thomas A. Glascock,
506 Arlington St., Greensboro, N. C.
Mrs. Thomas A. Glascock,
506 Arlington St., Greensboro, N. C.
Miss Viola Glover, 1916 Roanoke Ave.,
Roanoke Rapids, N. C.
Mrs. R. D. Graham,
11 Broad St., Sumter, S. C.
Dr. John H. Grey, Jr.,
Box 445, Williamsburg, Va.
Miss Mamie Gray,
Box 132, Fayetteville, N. C.
Mrs. Charlotte Hilton Green,
3328 White Oak Road, Raleigh, N. C.
Mrs. R. T. Greer, Box 800, Lenoir, N. C.
Mrs. R. T. Greer, Box 800, Lenoir, N. C.
Mrs. Olin Griffin, Rt. 2, Fort Mill, S. C.
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Box 304, Lenoir, N. C.
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2609 Ashland St., Raleigh, N. C.
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1017 11th Ave., Hickory, N. C.
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Box 673, Lenoir, N. C.
Miss Margaret Harper,
Box 673, Lenoir, N. C.
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Box 1001, Winston-Salem, N. C.
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Box 686, Emory University, Ga.
Miss Mildred Harris,
5 Springdale Court, Greensboro, N. C.
Mrs. S. R. Harris,
Box 108, Henderson, N. C.
Mrs. Valetti J. Harris,
1030 Rockwood Rd., High Point, N. C.
Julian Harrison,
16 Anita Drive, Charleston 32, S. C.
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2034 Sherwood Ave., Charlotte, N. C.
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658 Chestnut St., Greensboro, N. C.
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Rt. 2, Clemmons, N. C.
J. O. Hauschild,
922 Club Drive, High Point, N. C.
Mrs. J. O. Hauschild,
922 Club Drive, High Point, N. C.
Byron Haworth,
Box 1551, High Point, N. C.
Mrs. Chester C. Haworth,
Box 1551, High Point, N. C.
Mrs. J. F. Hayden,
400 E. Washington, High Point, N. C.
Mrs. Fanny Hayes,
1101 Hamilton St., Roanoke Rapids, N. C.
Miss Louise M. Haynes,
Box 660, Southern Pines, N. C.
W. F. B. Haynesworth,
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L. Box 546, Canton, N. C.
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1005 West Peace St., Raleigh, N. C.
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28 Cedarcliff Road, Biltmore, N. C.
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Highlands, N. C.
Mrs. W. A. Hill,
1904 Brice St., Greensboro, N. C.

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538 Hamilton St., Roanoke Rapids, N. C.
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Mrs. George Hobart,
603 West Farriss, High Point, N. C.
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Hunter Lane, Rt. 2, Charlotte, N. C.
J. S. Holmes,
302 Forest Drive, Raleigh, N. C.
Miss Sidney Holmes,
315 McIver St., Greensboro, N. C.
Mrs. Travis E. Hooker,
419 West 5th St., Greenville, N. C.
George Horel, Box 4290,
State College Station, Raleigh, N. C.
Mrs. Ben C. Hough, Jr.,
309 Elm St., Lancaster, S. C.
Mrs. Joe House, Sr.
201 Front St., Beaufort, N. C.
Mrs. S. B. Howard,
108 Mimosa Lane, Lenoir, N. C.
Mrs. W. Wilton Howard,
617 New York Ave., Norfolk 8, Va.
Miss Thelma Howell,
Wesleyan College, Macon, Ga.
H. G. Hudson,
Box 2718, Winston-Salem 1, N. C.
Miss Mary J. Huff, Jackson, N. C.
Miss Claudia W. Hunter,
203 Horner St., Henderson, N. C.
Marshall Hunter,
1728 Queens Road, Charlotte, N. C.
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Nathans Creek, N. C.
Miss Dorothy Hutaff,
97 Magnolia Ave., Fayetteville, N. C.
James Hutchins, Windom, N. C.

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222 Woodrow Ave., High Point, N. C.
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24 Baker St., Sumter, S. C.
Miss Mary Jenkinson,
2624 Augusta Rd., Greenville, S. C.
P. M. Jenness,
107 Oregon St., Greenville, S. C.
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Julian W. Johnson,
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Duke University, Durham, N. C.
Miss Pearl Lesly Johnson,
Lake Junaluska, N. C.
Mrs. Ira Thomas Johnston, Jefferson, N. C.
Miss Nellie Johnston,
Rt. 1, Box 486, Roscommon, Mich.
Dr. Harold Charles Jones,
Box 61, E.C.T.C., Greenville, N. C.
Thomas J. Jones,
1811 Pettigrew St., Durham, N. C.
Harry G. M. Jopson, Dept. of Biology,
Bridgewater College, Bridgewater, Va.
John H. Jopson, M.D.,
Rutherfordton, N. C.
Miss Martha Jordon,
406 Cameron Ave., Chapel Hill, N. C.
Mrs. Leon Joyner,
143 Burwell Ave., Henderson, N. C.

Raymond Kaighn,
408 S. Mendenhall St., Greensboro, N. C.
Mrs. G. A. Kaminer,
Arcadia, Columbia, S. C.
Winston Kaminer,
Arcadia, Columbia, S. C.
John E. C. Kapp,
1101 West Franklin, Richmond, Va.
Mrs. A. Scott Kelly,
204 Rush Road, Fayetteville, N. C.
Mrs. Benjamin D. Kelly,
44 Carrol Drive, Sumter, S. C.
Miss Sue Kelly,
155 Granite St., Henderson, N. C.
Wm. P. Kemp,
1518 E. Mulberry St., Goldsboro, N. C.
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Hope Valley, Durham, N. C.
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212 Queens Road, Charlotte, N. C.
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Box 1015, Reidsville, N. C.
Mrs. Glenn Knight, Tryon, N. C.
Miss Bertha Knox,
303 W. Bank St., Salisbury, N. C.
Mrs. W. B. Knox
112 W. Sharpe St., Statesville, N. C.
Mrs. M. B. Koonce,
P. O. Box 1817, Raleigh, N. C.
Mrs. Matthew F. Korn,
19 Folsom St., Sumter, S. C.
Mrs. Paul J. Kramer,
2251 Cranford Road, Durham, N. C.
Mrs. Frank C. Kugler, Sr.,
Washington, N. C.

Miss Kathleen Lafferty, Founders Hall,
Box 124, Guilford College, N. C.
Mrs. Nell Durham Lane,
307 Chestnut St., Wilmington, N. C.
C. T. Lassiter,
2407 Berkley Place, Greensboro, N. C.
Mrs. J. Perrin Lawson,
404 N. Purdy St., Sumter, S. C.
Miss Ava Lee,
803 Patrick St., Tarboro, N. C.
Miss Carolyn Lehman,
142 N. Church St., Rocky Mount, N. C.
Mrs. G. W. Leighton,
Rt. 9, Box 178, Lenoir, N. C.
Mrs. R. G. Lenox,
230 Broad St., Sumter, S. C.
Miss Sarah Lesley,
521 Sterling St., Greensboro, N. C.
Edward V. Lewis,
Lone Pine, Tarboro, N. C.
†H. A. Ligon, Box 530, Spartanburg, S. C.
Mrs. K. A. Link,
South Mulberry St., Lenoir, N. C.
Mrs. Charles G. Little,
P. O. Box 818, Tryon, N. C.
Miss S. Ann Locke,
Y.W.C.A., Greensboro, N. C.
Miss Elizabeth Long, 739 Roanoke Ave.,
Roanoke Rapids, N. C.
G. Mebane Long,
2238 Westminster Pl., Charlotte 4, N. C.
Miss Helen Lovering,
Box 375, Wilmington, N. C.

Mrs. Gladys MacMillan,
Wrightsville Beach, N. C.

Herbert L. Mapes, Box 1232, Tryon, N. C.
Mrs. Herbert L. Mapes,
Box 1232, Tryon, N. C.
Claude Huntley McAllister, Jr.,
Rt. 2, Box 171, Wilmington, N. C.
Lacy L. McAlister,
Pilot Ins. Co., Greensboro, N. C.
Mrs. E. D. McCall,
424 W. Bank St., Salisbury, N. C.
Tucker McCravy,
78 Ridge Road, Lyman, S. C.
Sandy McCulloch,
2013 Glenwood Ave., Raleigh, N. C.
Hall T. McGee,
80 Rutledge Ave., Charleston 37, S. C.
Mrs. Hall T. McGee,
80 Rutledge Ave., Charleston 37, S. C.
Miss Harriotte W. McGee,
95 Rutledge Ave.. Charleston 16, S. C.
Miss Della P. McGoogan, St. Pauls, N. C.
Mrs. J. A. McIlvaine,
855 Lakeshore Drive, Asheville, N. C.
Mrs. Robert W. McKay,
444 Eastover Road, Charlotte, N. C.
Mrs. Henry McKinnon,
N. Elm St., Lumberton, N. C.
James L. McLaurin,
Box 392, Washington, N. C.
Mrs. Graham McLean,
1002 Poplar St., Lumberton, N. C.
Mrs. Hubert G. McLean,
Rt. 2, Box 5, Raeford, N. C.
Miss Fannie McLellan,
Campbell Folk School, Brasstown, N. C.
John A. McLeod, Jr.,
113 East Hendrix St., Greensboro, N. C.
Col. D. N. McMillin, Sleepy Hollow,
Sunset Circle, Lookout Mountain, Tenn.
Mrs. D. N. McMillin, Sleepy Hollow,
Sunset Circle, Lookout Mountain, Tenn.
Miss Ethel McNairy,
506 Arlington St., Greensboro, N. C.
Mrs. Thomas McRae, Jr.,
40 Jefferson Apts., Rockingham, N. C.

Henry Magie,
1515 N. W. Blvd., Winston-Salem, N. C.
Mrs. Edward W. Marble,
Box 518, Southern Pines, N. C.
C. B. Martin, Jr.,
1908 Cedar St., Durham, N. C.
Dr. James A. Martin,
N. Walnut St., Lumberton, N. C.
Mrs. J. A. Martin,
N. Walnut St., Lumberton, N. C.
Mrs. Walter Marvin,
305 S. Third St., Wilmington, N. C.
Jerry Mason,
778 Rutledge Ave., Charleston, S. C.
Miss Lillian Massenburg,
128 Church St., Henderson, N. C.
Mrs. Leslie L. Mater, St. John, Kansas
James R. Mattocks,
505 Montliew Ave., High Point, N. C.
Mrs. James R. Mattocks,
505 Montliew Ave., High Point, N. C.
Mrs. C. B. Mattocks,
Box 1655, High Point, N. C.
Mrs. Julia W. Maulden,
208 William St., Kannapolis, N. C.
Fred H. May, Beall St., Lenoir, N. C.
Mrs. Fred May, Beall St., Lenoir, N. C.
Frank B. Meacham,
State Museum, Raleigh, N. C.
Mrs. W. C. Mebane,
4505 Wrightsville Ave., Wilmington, N. C.
Mrs. H. L. Medford,
830 Cornwallis Rd., Greensboro, N. C.
H. L. Medford,
830 Cornwallis Rd., Greensboro, N. C.
Mrs. Benjamin Spencer Meeks,
701 Abelia Rd., Columbia 55, S. C.
Miss Mamie Meeks,
Box 621, Kinston, N. C.
Tommy Memory, Wagram, N. C.
I. S. H. Metcalf,
The Citadel, Charleston, S. C.
Walter B. Miller,
Cleveland Law Bldg., Spartanburg, S. C.
Miss Marie Millings,
110 King St., Charleston, S. C.
Lonnie Mills,
410 West End Ave., Statesville, N. C.
Mrs. W. L. Minish,
217 W. Ave., Lenoir, N. C.
Ernest E. Mitchell, Jr.,
539 Glenwood Drive, Charlotte 6, N. C.
Miss Ida Mitchell,
1005 N. Eugene St., Greensboro, N. C.
Mrs. Wade A. Montgomery,
120 Hermitage Rd., Charlotte 7, N. C.
Warner Montgomery,
1213 Glenwood Rd., Columbia, S. C.
Miss Iola Moore,
Avent's Ferry Rd., Raleigh, N. C.
Mrs. J. H. B. Moore,
1600 E. Fifth St., Greenville, N. C.
Mrs. L. J. Moore, St. Pauls, N. C.
Miss Rose Morgan, Travelers Rest, S. C.
Mrs. Sybil K. Morse, Box 965, Tryon, N. C.
Dr. R. Allyn Moser, Rt. 1, Omaha 4, Nebr.
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8 Mill St., Charleston 39, S. C.
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6 White St., Lexington, Va.
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264 Charles St., Henderson, N. C.
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210 Vance St., Lenoir, N. C.
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2137 Radcliffe Ave., Charlotte, N. C.

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1312 Bolton St., Baltimore 17, Md.
Mrs. Dolores M. Neiman,
No. 2 Shelor Apts., Sumter, S. C.
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University of Wash., Seattle 5, Wash.
Thomas R. Nichols, M.D.,
206 N. Sterling St., Morganton, N. C.
Mrs. Grover C. Niemeyer,
1304 Birchwood Ave., Chicago 26, Ill.
Mrs. J. D. Nisbet,
The Ivy Place, Lancaster, S. C.
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Queens College, Charlotte 7, N. C.
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Country Club Rd., Winston-Salem, N. C.
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509 Pritchard Ave., Chapel Hill, N. C.

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406 St. James Sq., Fayetteville, N. C.
Mrs. Arthur G. Odell,
298 North Union St., Concord, N. C.
Dr. Howard T. Odum, % Biology Dept.,
University of Florida, Gainesville, Fla.
Hayden W. Olds, Wildlife Resources
Commission, Raleigh, N. C.
Mrs. David Olson, Chapel Hill, N. C.
Lt. Elizabeth M. Osborne, P.T. Class,
Box 10, Medical Field Service
School, Fort Sam Houston, Texas
Miss Josephine A. Osborne,
313 W. 11th St., Charlotte, N. C.
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1011 N. Eugene St., Greensboro, N. C.
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6 Greenville St., Charleston, S. C.
Mrs. D. Ralph Parker,
401 Woodbrook Court, High Point, N. C.
Dr. W. W. Parker,
N. Chestnut St., Lumberton, N. C.
Mrs. W. W. Parker,
N. Chestnut St., Lumberton, N. C.
Thos. Parks,
110 Mimosa Lane, Lenoir, N. C.
Mrs. Thomas Parks,
110 Mimosa Lane, Lenoir, N. C.
S. Kay Patterson,
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208 Forest Hill Road, Hamden 14, Conn.
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27 Laurel Hill Rd., Chapel Hill. N. C.
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209 Carolina Ave.. Henderson. N. C.
Mrs. George W. Perrett,
424 Forest Ave., Greensboro, N. C.
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4821 Cedar Ave., Philadelphia 43, Pa.
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Carleton College, Northfield, Minn.
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221 W. Park Drive, Raleigh, N. C.
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1341 Idalia Dr., Columbia 58, S. C.
Mrs. George C. Pyne,
806 Vickers Ave., Durham, N. C.

J. M. Quattelbaum,
1110 Princeton St., Columbia 5, S. C.
Dr. T. L. Quay, Zoology Dept.,
N. C. State College, Raleigh, N. C.
Isaac J. Quigley,
1108 Westwood, High Point, N. C.
R. I. Quigley,
1108 Westwood, High Point, N. C.
Mrs. R. I. Quigley,
1108 Westwood, High Point, N. C.
R. I. Quigley, Sr.,
1108 Westwood, High Point
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108 Ridge Lane, Chapel Hill, N. C.
Andrew Simons,
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Box 388, Columbia 1, S. C.
C. J. Simons,
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Salem Station, Winston-Salem 2, N. C.
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627 Sunnyside Ave., Charlotte 4, N. C.
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246 Cottage Place, Charlotte 4, N. C.
Alexander Sprunt, Jr.,
The Crescent, Charleston 50, S. C.
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Byrne, Clay St., Blacksburg, Va.
James L. Stephens, Jr.,
Box 841, Lumberton, N. C.
Henry M. Stevenson, Zoology Dept.,
Fla. State Univ., Tallahassee, Fla.
Miss Florence Stewart,
116 Cypress St., Greensboro, N. C.
Mrs. Harvey H. Stewart,
2237 Overhill Rd., Charlotte, N. C.
Miss Josephine Stewart,
Radford College, Radford, Va.
Mrs. W. T. Stockton,
Box 2083, Greensboro, N. C.
Charles H. Stone,
1801 Queens Road, Charlotte 7, N. C.
C. C. Stott, 911 Gardner St., Raleigh, N. C.
Hal H. Strickland,
410 W. Bessemer St., Greensboro, N. C.
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112 E. Capitola Ave., Kinston, N. C.
Charles M. Swart,
Box 1261, Greensboro, N. C.
Mrs. Charles M. Swart,
Box 1261, Greensboro, N. C.
Tar Heel Bird Club % Vaughn Brock,
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Murray S. Tate,
2506 Camden Rd., Greensboro, N. C.
Mrs. Murray S. Tate,
2506 Camden Rd., Greensboro, N. C.
Dr. Wesley Taylor, Justamere Farm,
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610 High St., Burlington, N. C.
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211 Park Ave., Raleigh, N. C.
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James C. Tilghman,
Box 368, Weldon, N. C.
Mrs. J. C. Tilghman,
Box 368, Weldon, N. C.

D. A. Tillinghast,
309 E. Faris Road, Greenville, S. C.
Edward S. Tillinghast,
Box 900, Greenville, S. C.
Miss Jane Norwood Tillinghast,
Eastover, S. C.
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801 Caldwell St., Lumberton, N. C.
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419 W. 5th St., Greenville, N. C.
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861 Watson Ave., Winston-Salem, N. C.
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Mrs. Ed Ward, 161 Pinecrest Parkway,
Lake Forest, Wilmington, N. C.
Dr. W. M. Ward,
302 Pine St., Spartanburg, S. C.
Mrs. Ferdinanda L. Waring, Rt. 8,
Box 628, Old Town, Charleston, S. C.
Joseph I. Waring, M.D., Rt. 8,
Box 628, Old Town, Charleston, S. C.
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Mrs. C. S. Warren, Lenoir, N. C.
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314 Montgomery Bldg., Spartanburg, S.C.
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Miss Lenora Watts,
34 Fulton St., Asheville, N. C.
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9 Rogerson Drive, Chapel Hill, N. C.
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61 Kingsbury St., Needham, Mass.
Mrs. B. W. Wells,
1605 Park Dr., Raleigh, N. C.
Sam F. Wells, Jr.,
233 Lindsey St., Reidsville, N. C.
Miss Ann Westmoreland,
1103 Evergreen Ave., Goldsboro, N. C.
Mrs. D. L. Wheeler,
Box 526, Roanoke Rapids, N. C.
Robert N. White,
826 Overbrook Av., Winston-Salem, N. C.
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130 Woodburn Rd., Raleigh, N. C.
Mrs. Lewis E. Whitfield,
2600 Ft. Bragg Rd., Fayetteville, N. C.
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Miss Lillian Whiting,
Box 935, Lumberton, N. C.
Mrs. Eula B. Whitley,
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Country Club Blvd., Wilmington, N. C.
Mrs. Eddie W. Wilson,
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Mrs. H. E. Wilson,
Rt. 3, Box 118, Raleigh, N. C.
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Hampshire Ave., Southern Pines, N. C.
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996 Kearns Ave., Winston-Salem 7, N. C.
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809 E. Beech St., Goldsboro, N. C.
Dillon Wooten,
811 East Beech St., Goldsboro, N. C.
Mrs. Lillian D. Wooten,
809 East Beech St., Goldsboro, N. C.
S. D. Wooten,
811 East Beech St., Goldsboro, N. C.
D. L. Wray, Div. of Entomology,
N. C. Dept. Agriculture, Raleigh, N. C.
Mrs. John Wright,
P. O. Box 872, Chapel Hill, N. C.
Mrs. Marion Wright,
3 Clipper Road, Baltimore 21, Md.
Mrs. Wortham Wyatt,
727 Oaklawn Ave., Winston Salem, N. C.
Miss Pearl Wyche,
824 Walker Ave., Greensboro, N. C.
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East Franklin St., Chapel Hill, N. C.
M. A. York,
101 Logan Court, Raleigh, N. C.
Foster Harold Young, M. D.,
Kingstree, S. C.
Mrs. M. M. Young,
348 W. Hampton Ave., Spartanburg, S. C.
Mrs. Ray A. Young,
1500 W. Lake Drive, Greensboro, N. C.
A. H. Zealy, 3rd,
108 N. Audubon St., Goldsboro, N.C.
Mrs. Charles Zeiger,
3508 Kirby Drive, Greensboro, N. C.

IMPORTANT NOTICE

Annual Meeting, Greensboro, N. C., Saturday, March 3, 1951

Afternoon Sessions at Alumnae Building, Woman's College of the University of North Carolina

2:00-3:00 P. M. Register and secure Banquet Tickets.

3:00-4:00 P. M. Presentation of Papers.

3:00-4:00 P. M. Tea, by Piedmont Bird Club.

4:00 P. M. Business Session; Election of Officers; Consideration of new By-laws.

7:00 P. M. Annual Dinner, with an outstanding speaker. Meyers Garden Room, Meyers Department Store. (Use Green Street entrance; plenty of parking space)

(Requests for reservations for the Annual Dinner should be mailed early to Miss Etta Schiffman, 319 W. Washington St., Greensboro, N. C.)

Hugo H. Schroder, the speaker at the Annual Dinner, is an internationally known bird photographer and writer. Long a member of the Florida Audubon Society, he has recently moved to Greenwood, S. C.

Local Clubs and Their Officers—North Carolina

Chapel Hill Bird Club: P—Mrs. Lynn Gault, Box 1058; V-P—Richard L. Weaver; S-T—Mrs. Matt L. Thompson, Box 88.

Charlotte, Mecklenburg Audubon Club: P—Mrs. George C. Potter, 2111 Malvern Rd.; V-P—Mrs. H. W. Kilpatrick; S—Mrs. B. D. Hendrix, 1615 Oaklawn; T—B. R. Chamberlain; Publicity Chmn.—Miss Clara Burt.

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Henderson Bird Club: P—Miss Garnette Myers; V-P—Miss Sallie Garlick; S-T—Miss Elizabeth Fox.

Hickory Bird Club: P—Mrs. George E. Bisanar; V-P—Mrs. W. J. Shuford; S-T—Mrs. George Warlick; Reporter—J. Weston Clinard.

High Point, Catesby Bird Club: P—J. O. Hauschild; V-P—R. I. Quigley; Rec. S—Mrs. Worth Ivey; Cor. S—Mrs. George Hobart; T—Mrs. D. R. Parker; Publicity Chm.—Dr. George Hobart.

Lenoir Audubon Club: P—R. T. Greer; V-P—S. B. Howard; S-T—Mrs. R. T. Greer, Box 813; Publicity Chm.—Miss Margaret Harper.

Lumberton Bird Club: P—James Stephens, Jr.; V-P—Mrs. Henry McKinnon; S—Mrs. D. L. Whiting; T—Miss Lillian Whiting.

Raleigh Bird Club: P—Hayden Olds, Wildlife Resources Commission; V-P—R. L. Deaton; S-T—F. B. Meacham, State Museum; Ex. Comm.—Officers and Miss Gladys Currin and Mrs. Albert Guy.

Roanoke Rapids Bird Club: P—Miss Sara Cannon, 538 Hamilton St.; V-P—Miss Marjorie Cannon; S-T—Lydia Deyton, Box 365.

Southern Pines Bird Club: P—Mrs. Cecil Robinson; V-P & S—Miss Louise Haynes, Box 660; T—Miss Norma Shiring; Rec. S—Mrs. Lloyd Prime.

Tarheel Bird Club: P—Vaughn Brock, Hickory, N. C.; S-T—Miss Olwyn Owens, Rt. 3, Box 160-B, Kannapolis, N. C.; Historian—Mrs. Andrew Smith, Morganton, N. C.

Tryon Bird Club: P—Mrs. Arthur W. Brintnall; S-T—Mrs. Thomas Clark; Publicity Chm.—Mrs. H. Lan Moore.

Wilmington Natural Science Club: P—Mrs. Cecil Appleberry, 5 Lake Forest Parkway; V-P—Mrs. Warwick Baker; T—Charles F. Theobald; S—Miss Edith Chamberlain, James Walker Memorial Hospital.

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Winston-Salem Bird Club: P—Henry Magie; S-T—Wm. S. Rothrock, 2434 Stockton St.; Directors—Charles Babcock, Thurmond Chatham, Jr., Richard J. Reynolds, II.

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Columbia Bird Club: P—Mrs. Clyde Sisson; V-P—Gilbert J. Bristow; S—Mrs. J. L. Gibbons, 720 Brandon Ave.; T—Fred Sample; Ex. Comm.—Officers and G. E. Charles.

Greenville Bird Club: P—Miss May W. Puett; V-P—P. M. Jennes; S-T—Miss Rosa Lee Hart.